REGENT
INTERNATIONAL SCHOOL

Math Workbook

Year 2

Student Name : _____

Class : _____

Teacher : _____

Year 2 Math Workbook

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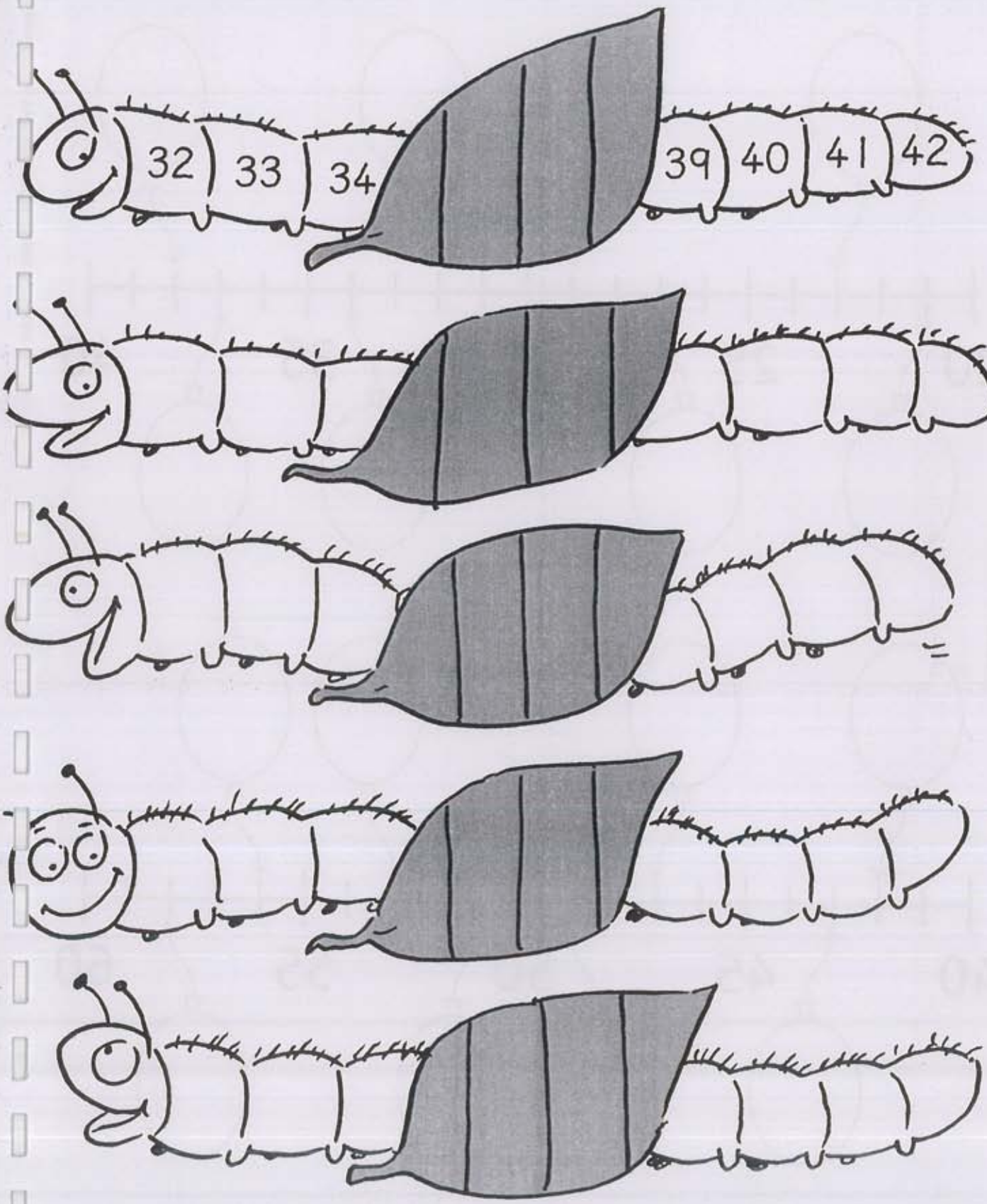
Name .....

Counting to 100

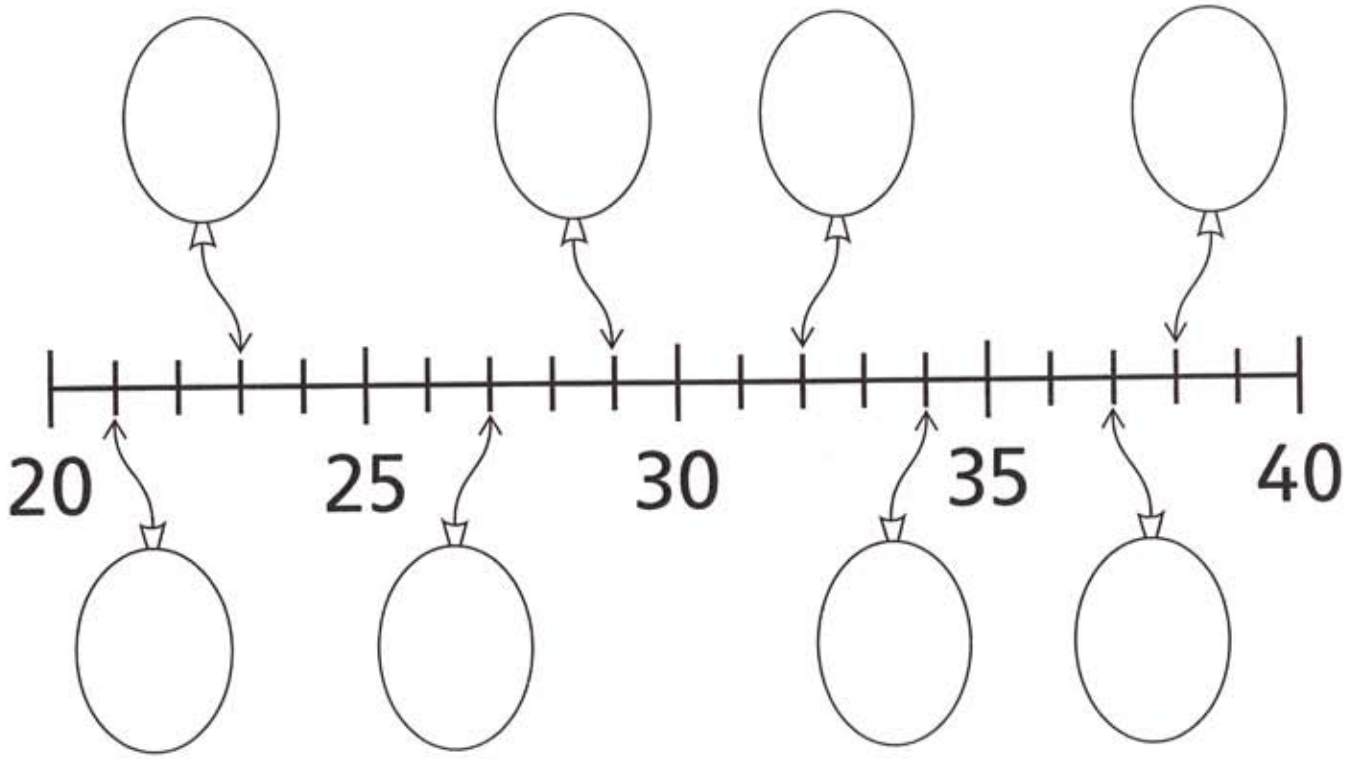


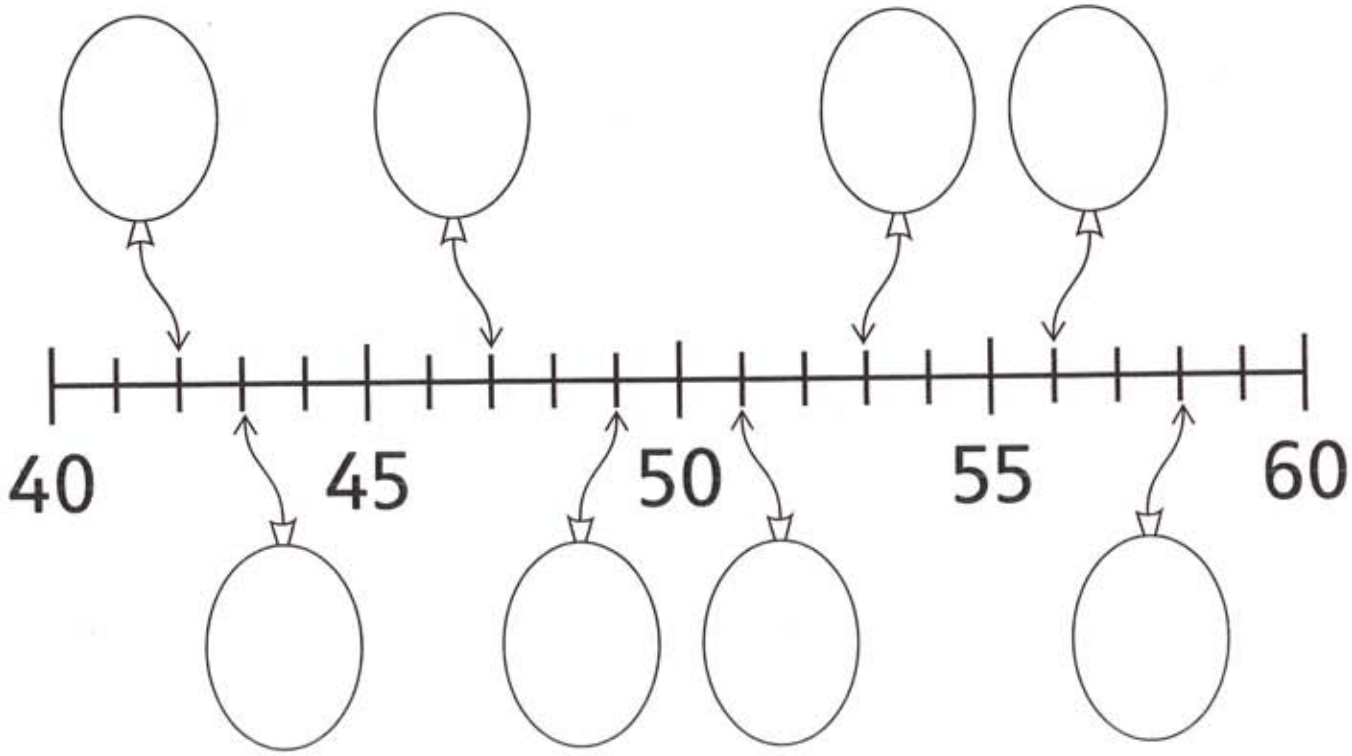
Write your own numbers, in order, on each caterpillar.
Hide four numbers behind each leaf.

PS

Name .....

Counting to 100



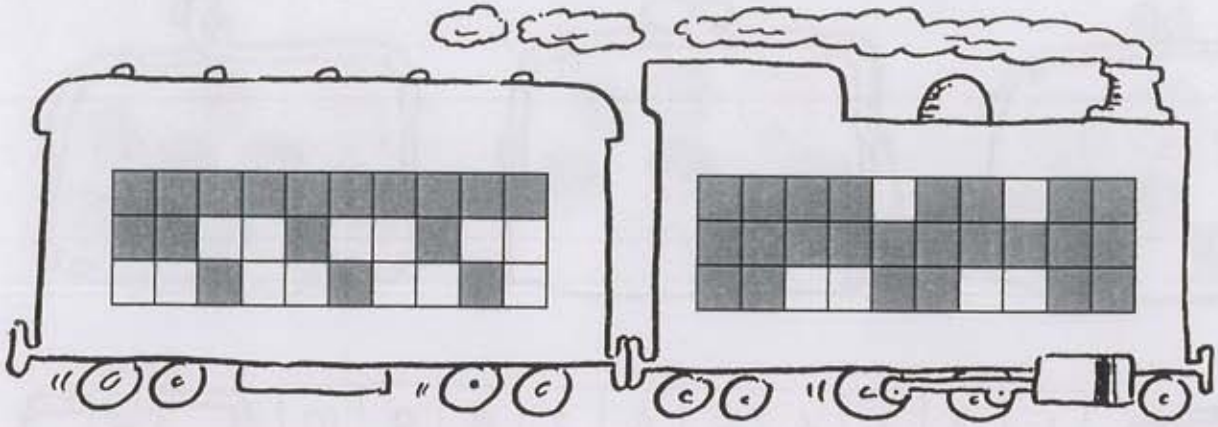


Each arrow points to a number on the number line.
Write the number on the balloon each time.

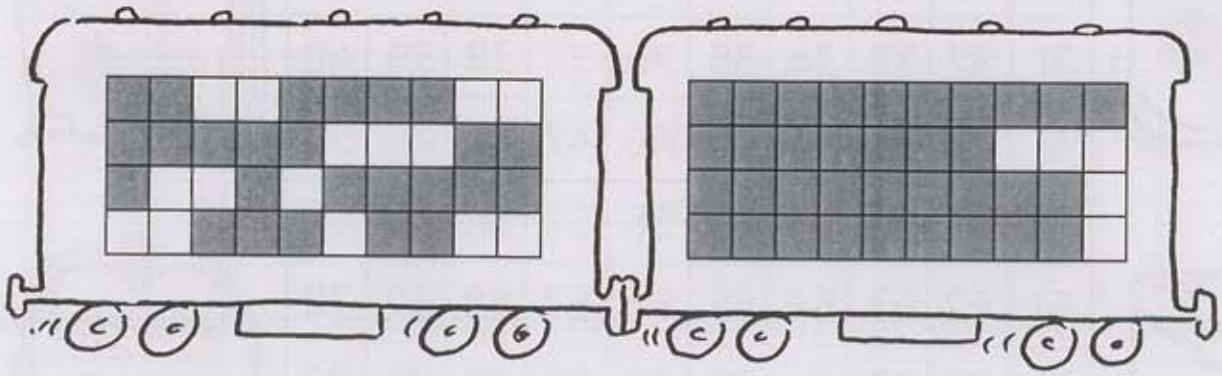
PS

Name .....

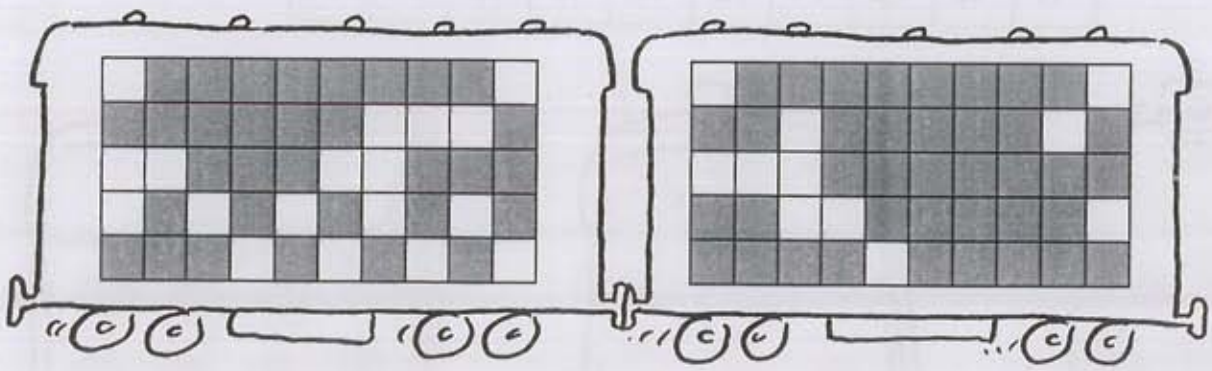
Counting



guess ☐ count ☐ guess ☐ count ☐



guess ☐ count ☐ guess ☐ count ☐



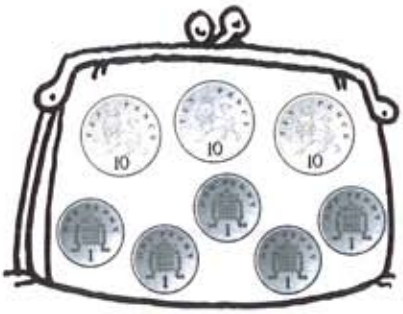
guess ☐ count ☐ guess ☐ count ☐

Estimate the number of shaded squares on each carriage, then count them. Compare the two.

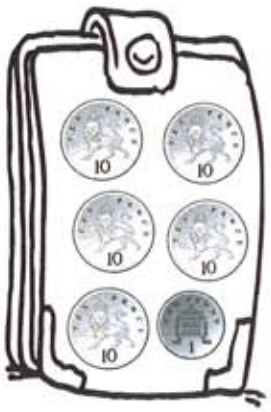
PS

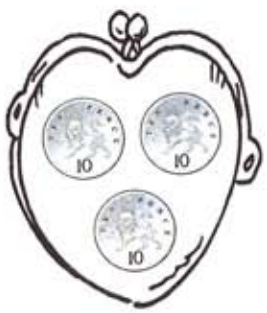
Name .....

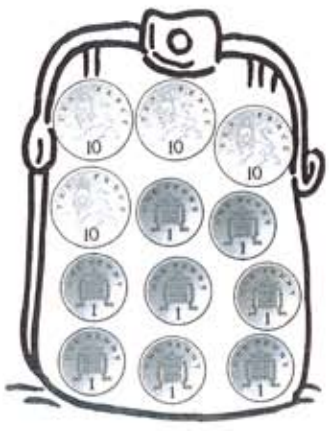
Tens and units

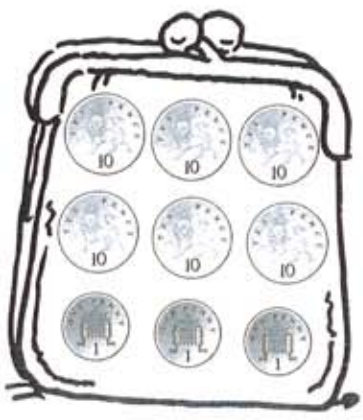


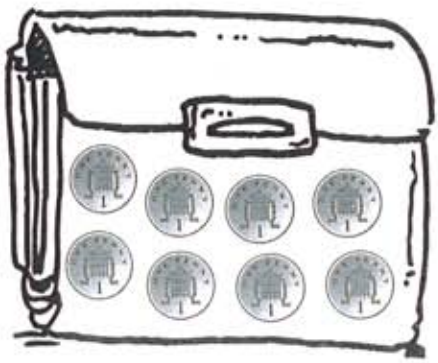
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100











How much is in each purse? Colour the matching square on the grid.

PS

Name .....

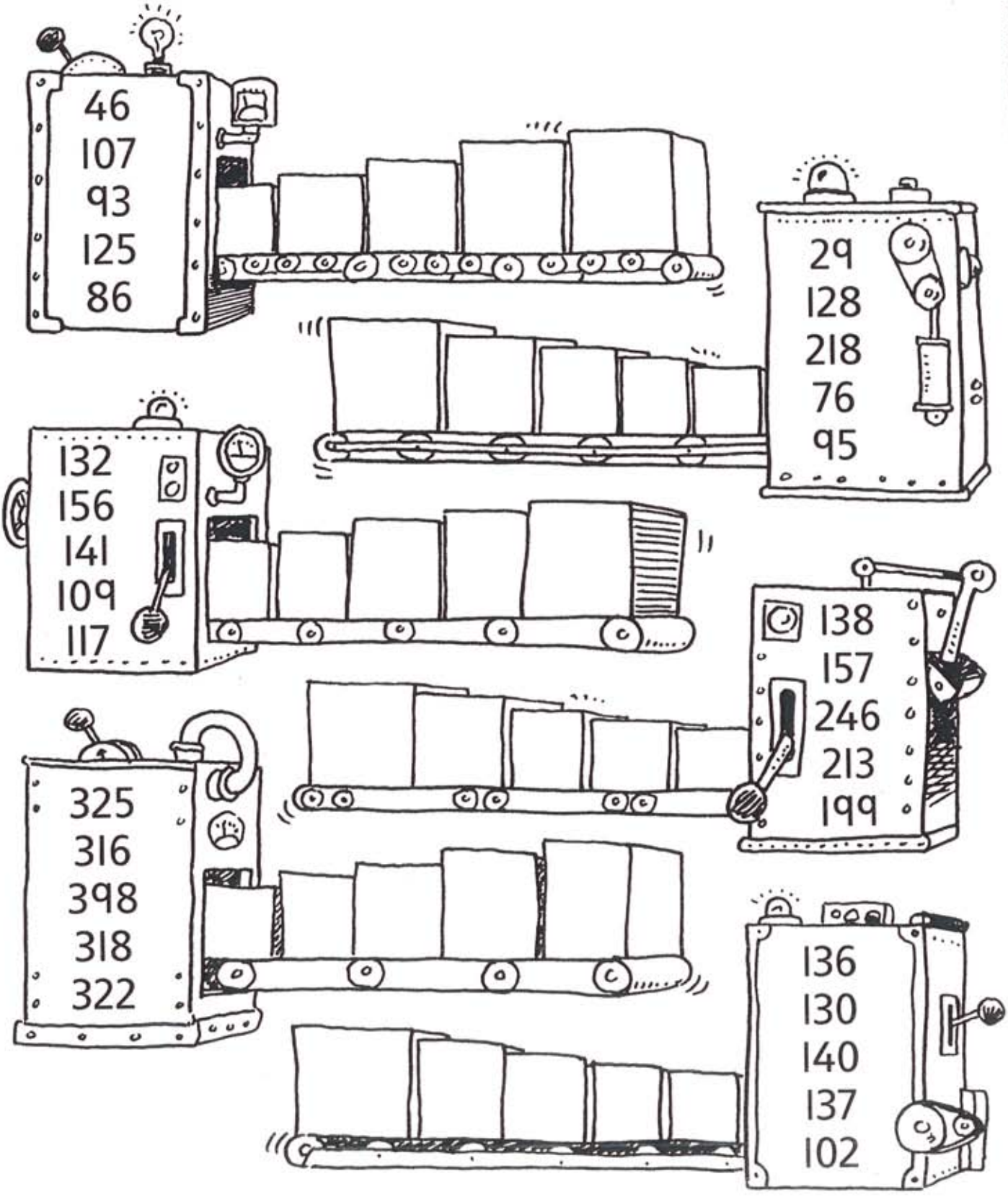
2-digit numbers

Write a different 2-digit number in each box, each containing the digit 4.

PS

Name .....

Ordering

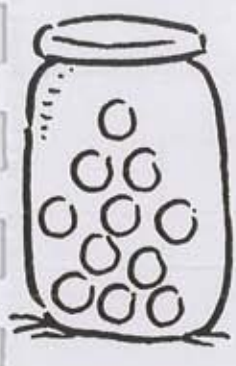


Write each set of numbers in order from smallest to largest. Always write the smallest number in the smallest box.

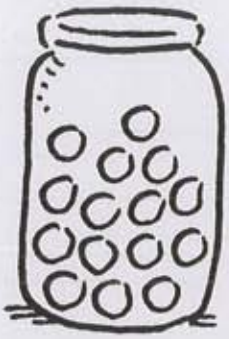
PS

Name .....

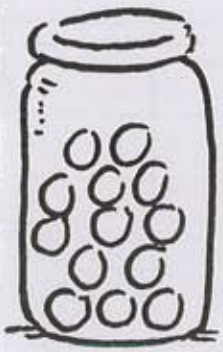
Adding



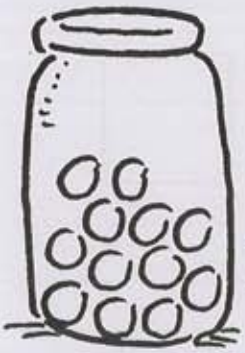
11 + 3 = ☐



15 + 3 = ☐

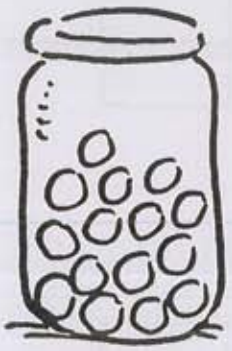


13 + 4 = ☐



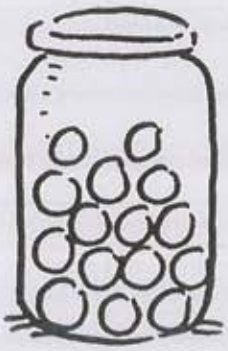
12 + 4 = ☐

14 + 5 = ☐



15 + 5 = ☐

11 + 6 = ☐



15 + 6 = ☐

How many marbles will be in each jar when the extra ones are added? Complete the additions.

PS

Name .....

Adding

26 + 5 = ☐

18 + 5 = ☐

37 + 4 = ☐

26 + 7 = ☐

28 + 3 = ☐

43 + 9 = ☐

39 + 2 = ☐

38 + 3 = ☐

48 + 5 = ☐

27 + 6 = ☐

Complete the additions.

PS

Name .....

Adding three numbers

$23 + 10 + 2 =$ ☐

$45 + 10 + 1 =$ ☐

$16 + 10 + 3 =$ ☐

$31 + 10 + 4 =$ ☐

$10 + 25 + 4 =$ ☐

$10 + 6 + 24 =$ ☐

$5 + 32 + 10 =$ ☐

$7 + 29 + 10 =$ ☐

$43 + 20 + 4 =$ ☐

$26 + 3 + 20 =$ ☐

$30 + 16 + 3 =$ ☐

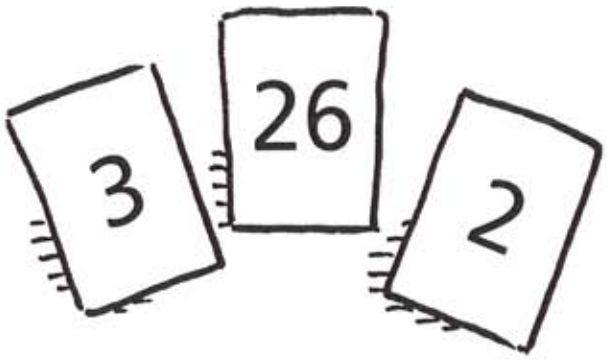
$40 + 23 + 8 =$ ☐

Complete the additions.

PS

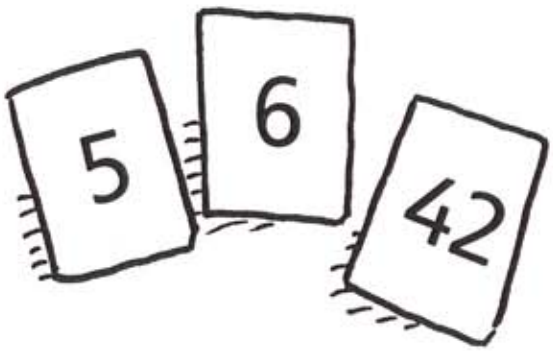
Name .....

Adding three numbers

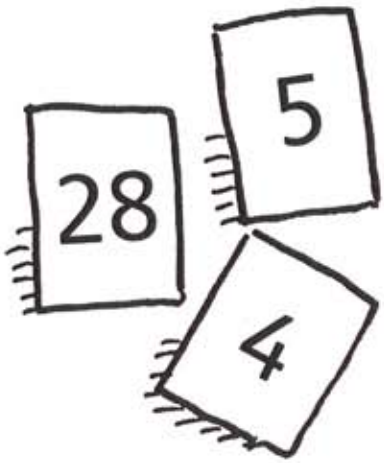


26 + 3 + 2 = ...

= .....



= .....



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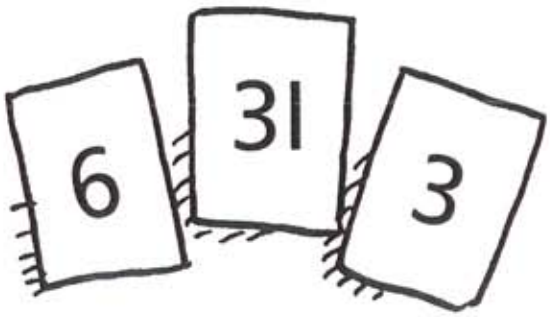

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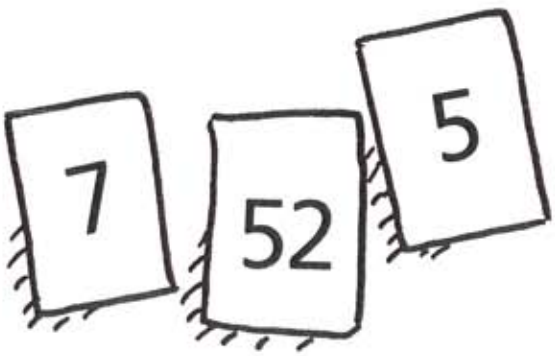


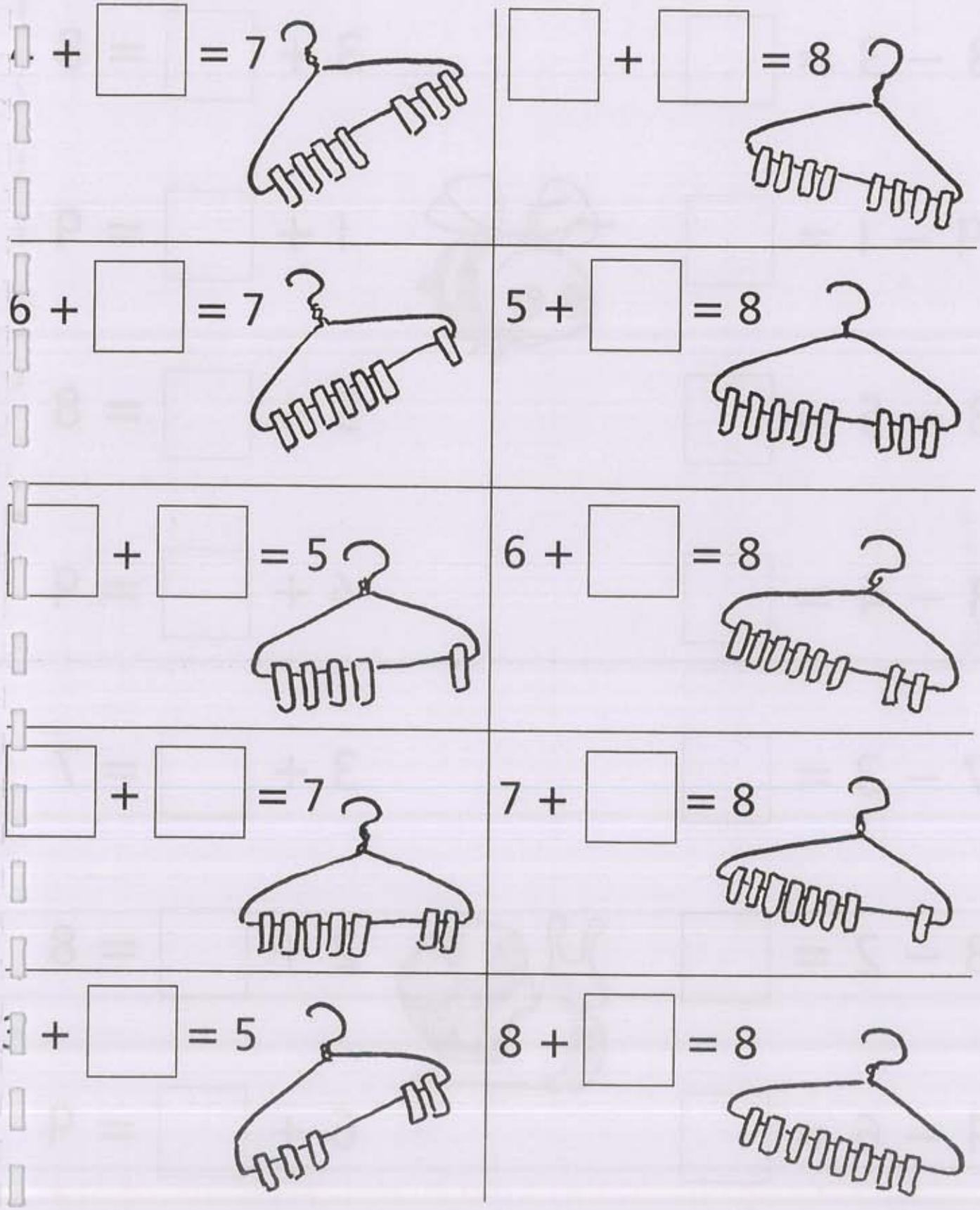
= .....

Write each addition, putting the largest number first. Then add the three numbers.

PS

Name .....

Addition pairs



Complete the additions. Use a coat-hanger and pegs to help.

PS

Name .....

Adding and subtracting

$8 - 3 = \square$

$3 + \square = 8$

$9 - 1 = \square$

$1 + \square = 9$

$8 - 5 = \square$

$5 + \square = 8$

$9 - 4 = \square$

$4 + \square = 9$

$7 - 3 = \square$

$3 + \square = 7$

$8 - 2 = \square$

$2 + \square = 8$

$9 - 6 = \square$

$6 + \square = 9$

Complete the additions and subtractions.

PS

 Name .....

Making 10

5	6	1	6	2	4
7	2	5	8	1	7
3	7	9	4	8	2
0	7	0	7	3	8
5	1	9	6	8	9
9	4	3	5	0	6

A game for two players, each with a set of counters. Shuffle a set of playing cards (without picture cards) and place them face down in a pile. Take turns to turn over the top card. Place a counter on a square whose number makes 10 with the card number. Only one counter is allowed on each square. The winner is the first with four counters in a straight line.

PS

Name .....

Making 10

4	7	8
2	1	6
8	10	0
3	4	5
5	2	4
0	9	3
6	7	2
5	0	10

6	3	

Write numbers in the right-hand grid so that matching squares on the two towers make 10.

PS

Name .....

Subtracting from 10

10 − 3 = ☐

10 − 5 = ☐

10 − 0 = ☐

10 − 8 = ☐

10 − 4 = ☐

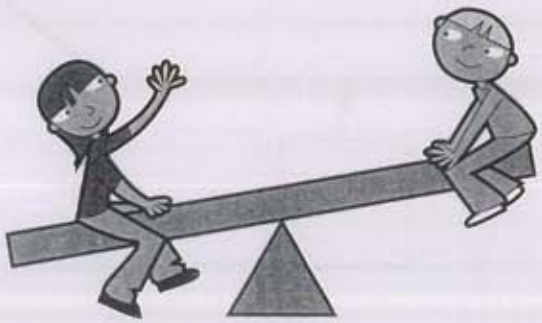
10 − 2 = ☐

10 − 9 = ☐

10 − 1 = ☐

10 − 6 = ☐

10 − 7 = ☐

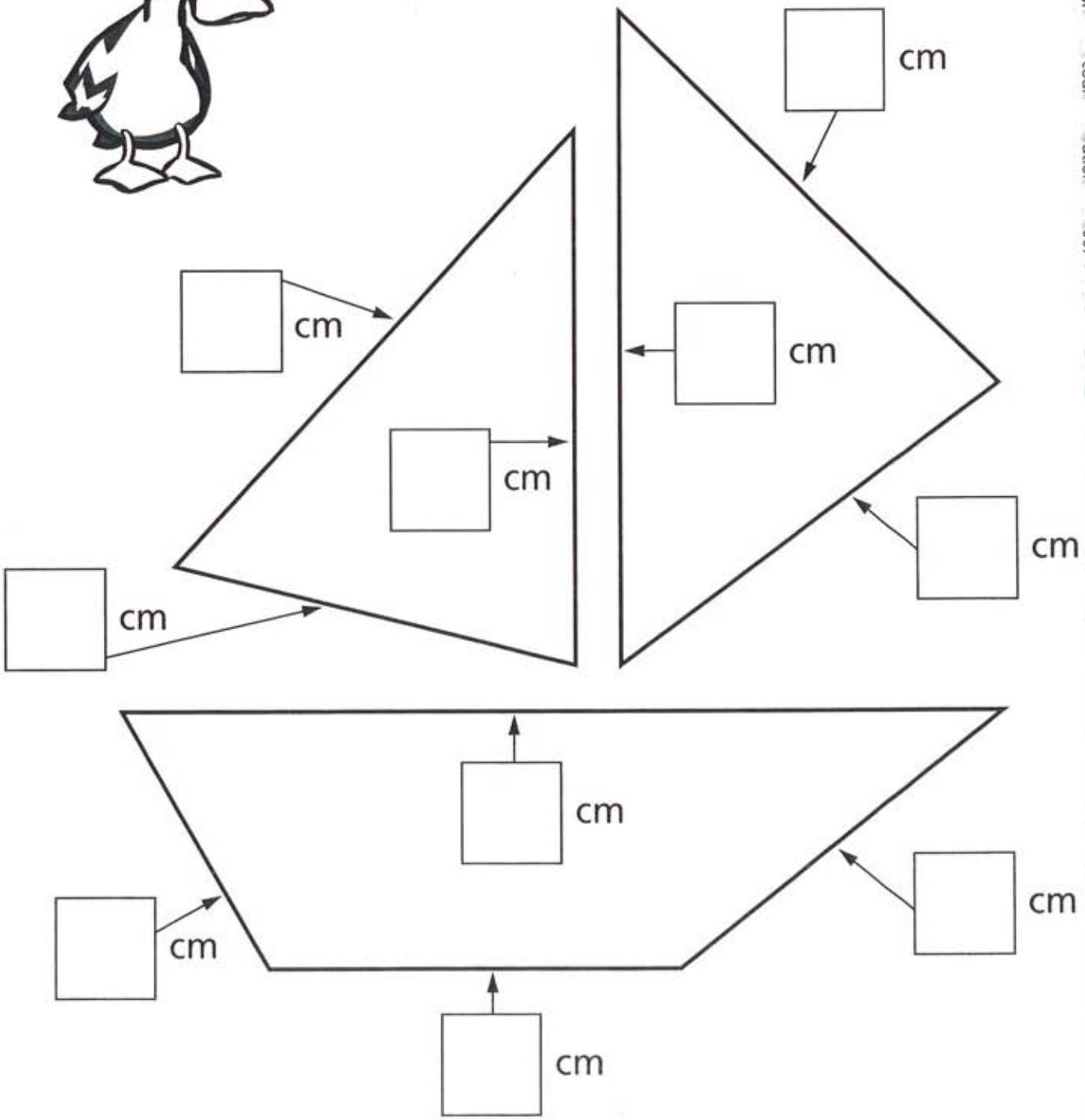


Complete the subtractions.

PS

Name .....

Centimetres

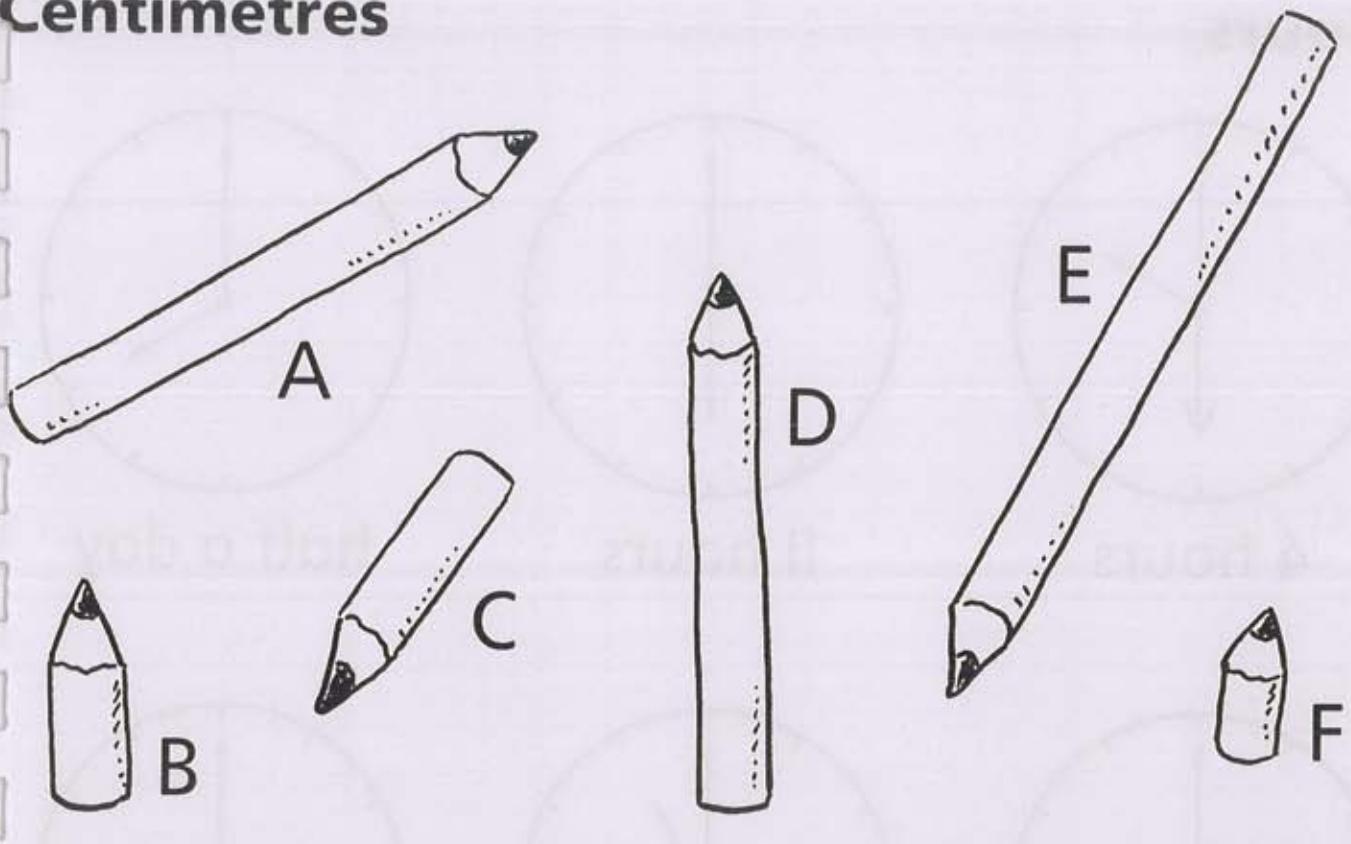


Use a ruler to measure the length of each straight line in centimetres.
Write the lengths in the boxes.

PS

Name .....

Centimetres



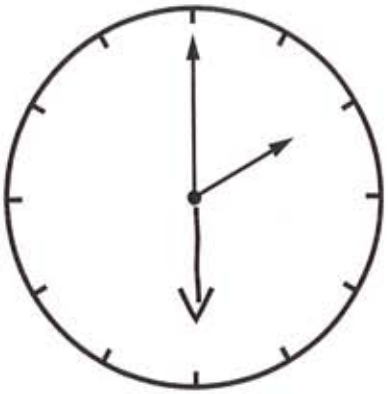
pencil	guess	measure	difference
A			
B			
C			
D			
E			
F			
		total	

Guess the length of each pencil in centimetres. Then measure the actual length. Complete the table and write the differences.

PS

 Name .....

Hours



4 hours

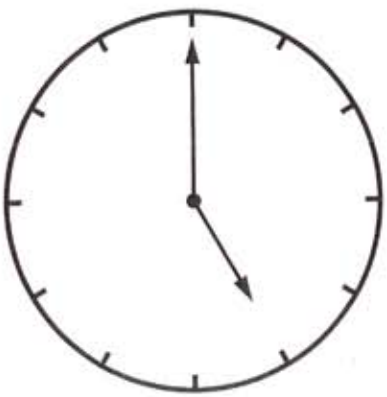
11 hours

half a day

quarter of a day

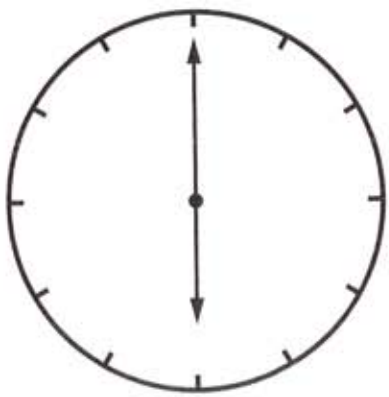
14 hours

17 hours



23 hours

27 hours



37 hours

Draw the position of the hour hand after these periods of time.

PS

Name .....

Months

January

February

March

April

May

June

July

August

September

October

November

December

Join each picture to the month you think it illustrates.
Draw your own picture and join it to a month.

PS

 Name .....

Months

The first month of the year is

The last month of the year is

The tenth month is

The month before May is

The month after July is

The month before March is

The month after September is

The month between May and July is

The month between October and December is

A month in the summer is

A month in the winter is

A month in the autumn is

A month in the spring is

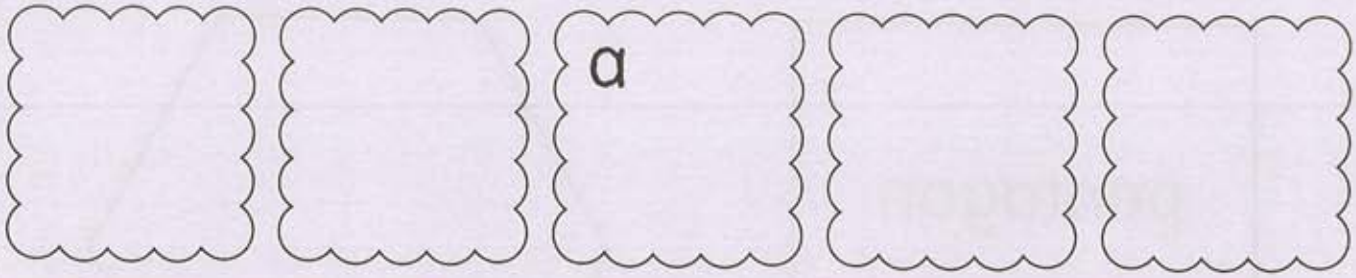
My birth month is

Complete each sentence.

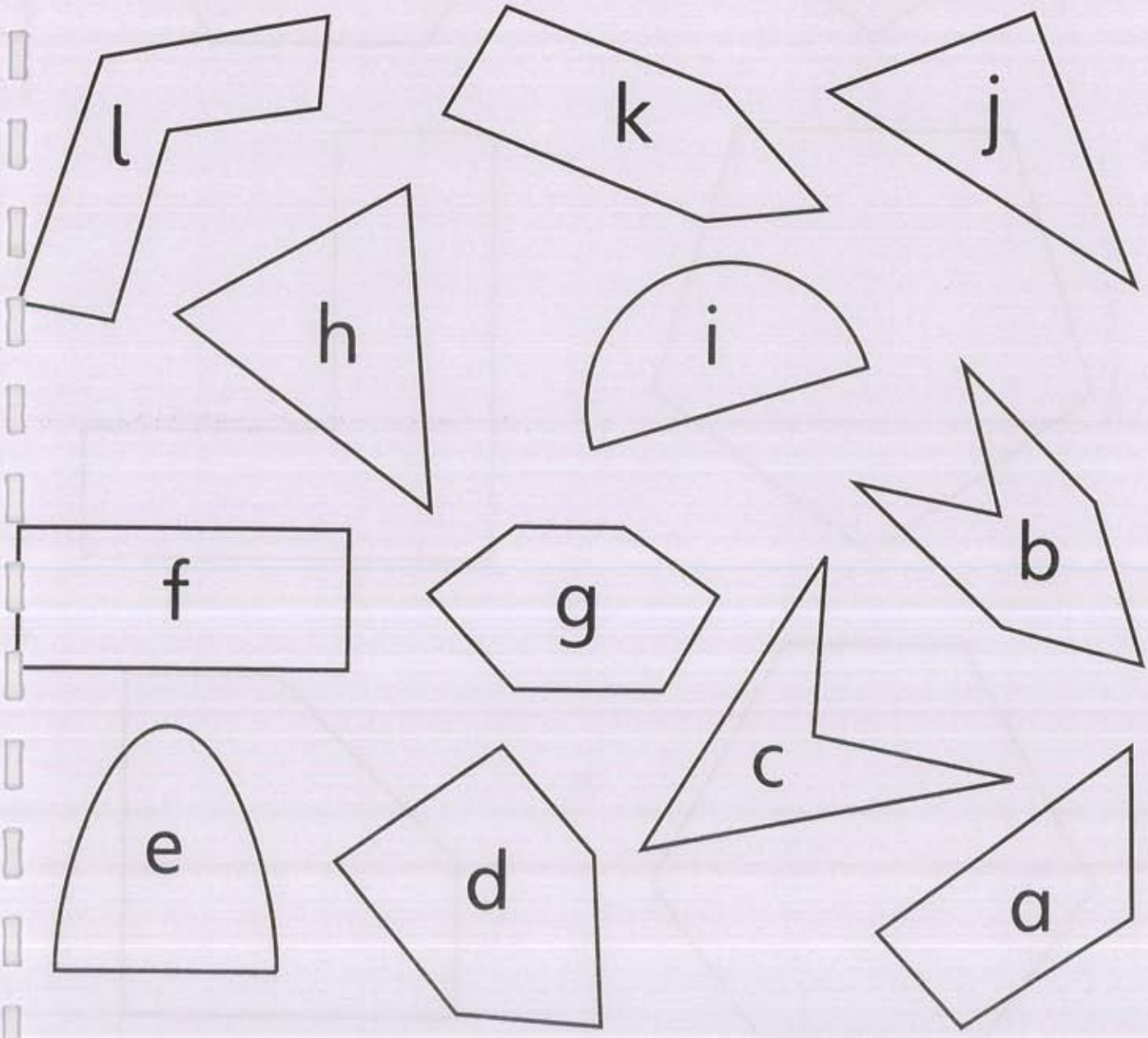
PS

Name .....

Sides



2 sides 3 sides 4 sides 5 sides 6 sides

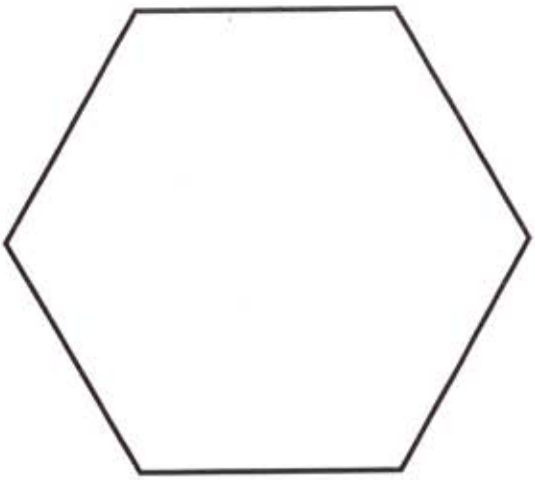


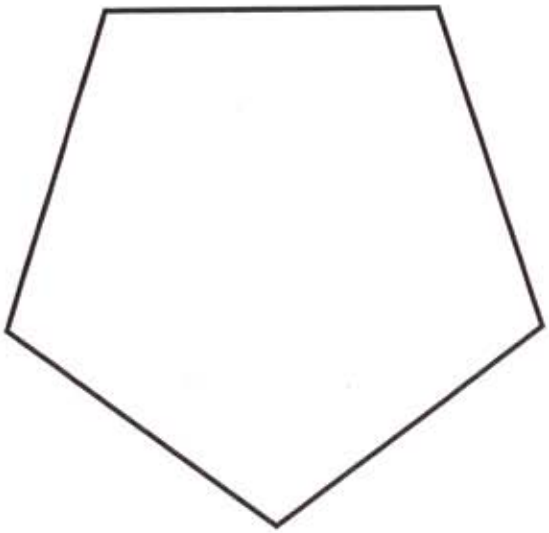
Write the letters in the correct boxes.
Some boxes will have more than one letter.

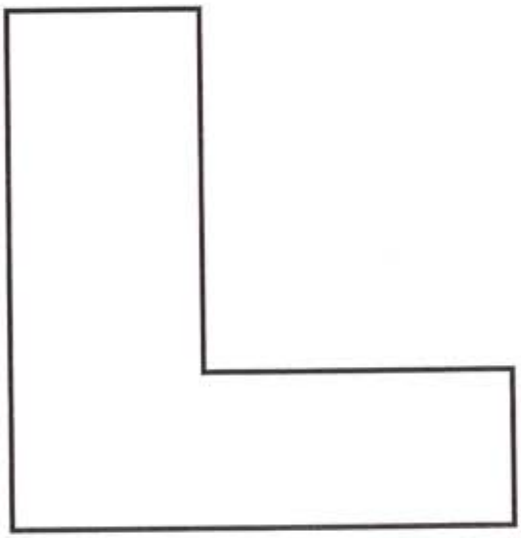
PS

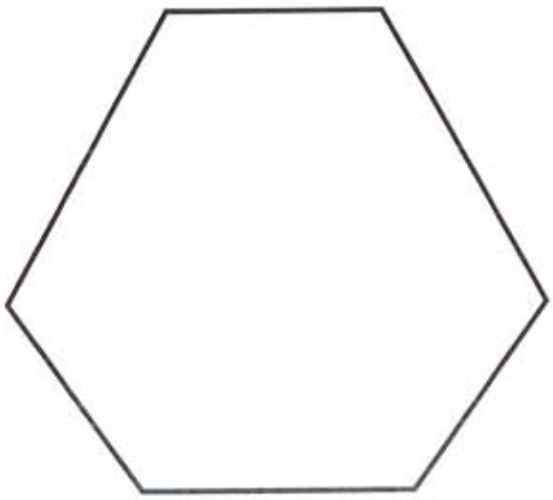
Name .....

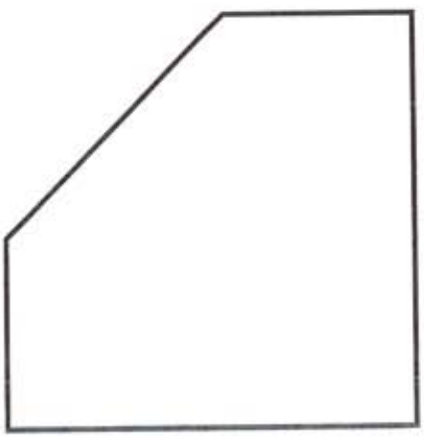
Pentagons and hexagons









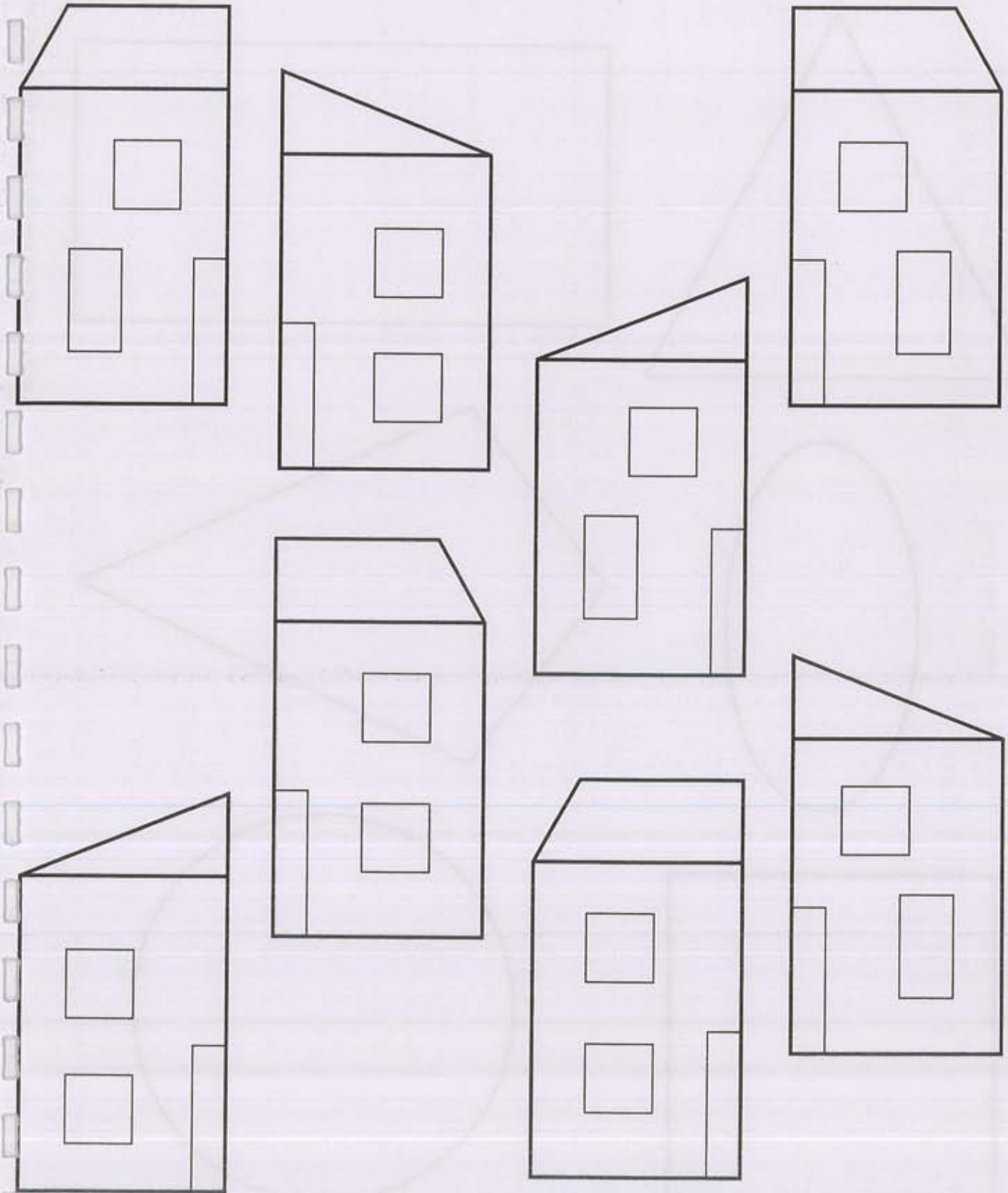


Decide whether these shapes are pentagons or hexagons. Write the names in the shapes.

PS

Name .....

Houses

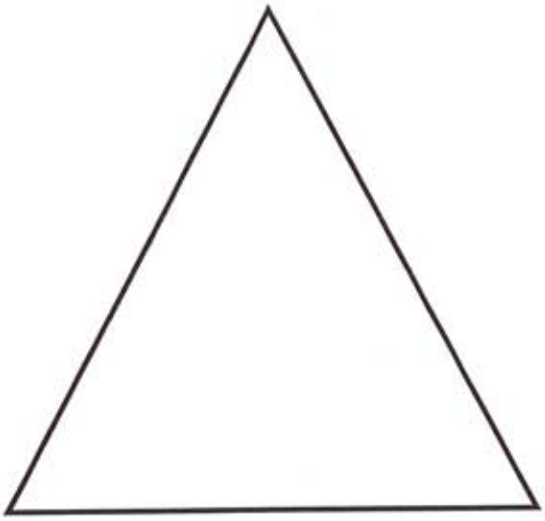


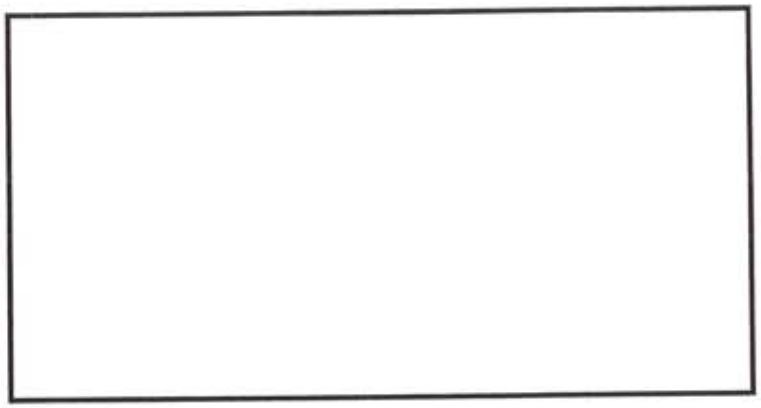
Cut out these eight half houses. Join pairs to make houses with symmetry.
Draw your own pairs of half houses with symmetry.

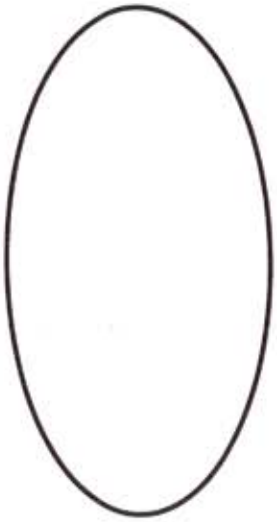
PS

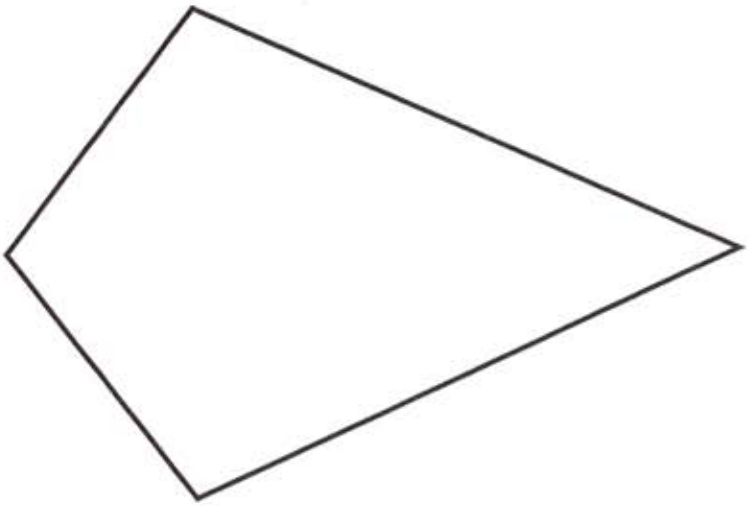
Name .....

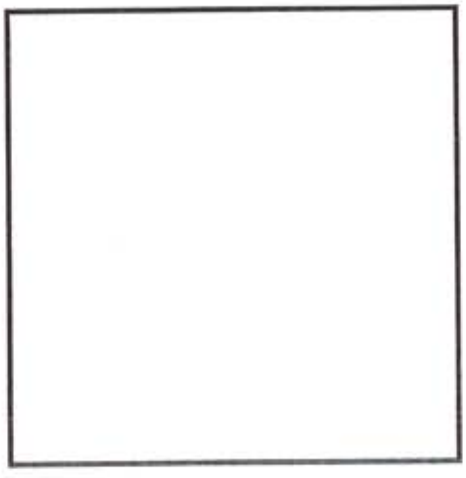
Symmetry

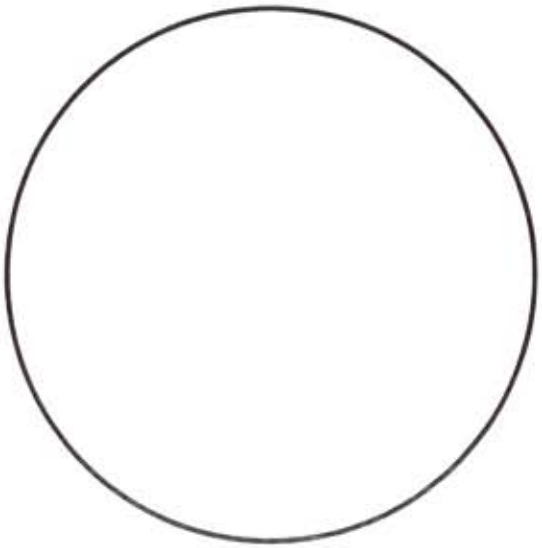












Draw the lines of symmetry on these shapes.

PS

 Name .....

Counting back

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

12 − 3 = ☐

11 − 3 = ☐

14 − 3 = ☐

18 − 3 = ☐

10 − 3 = ☐

15 − 3 = ☐

8 − 3 = ☐

13 − 3 = ☐

16 − 4 = ☐

19 − 5 = ☐

12 − 4 = ☐

17 − 6 = ☐

9 − 3 = ☐

15 − 5 = ☐

Complete the subtractions.

PS

Name .....

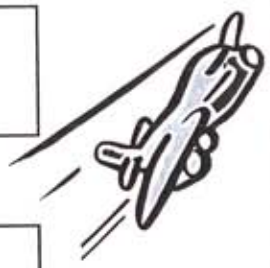
Counting back

40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58

59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80

56 − 4 = ☐

76 − 5 = ☐



67 − 3 = ☐

55 − 3 = ☐

78 − 5 = ☐

65 − 4 = ☐

46 − 5 = ☐

48 − 3 = ☐

49 − 4 = ☐

65 − 5 = ☐

53 − 2 = ☐

68 − 5 = ☐

72 − 3 = ☐

53 − 4 = ☐

Complete the subtractions.

PS

Name .....

Subtracting

$24 - 4 = \square$

$24 - 6 = \square$

$32 - 2 = \square$

$32 - 5 = \square$

$43 - 3 = \square$

$43 - 5 = \square$

$23 - 3 = \square$

$23 - 6 = \square$

$33 - 3 = \square$

$33 - 7 = \square$

$41 - 1 = \square$

$41 - 4 = \square$

$54 - 4 = \square$

$54 - 7 = \square$

$62 - 2 = \square$

$62 - 5 = \square$

Complete the subtractions, crossing tens.

PS

Name .....

Taking away 6

67	32	58
21	86	93
73	56	65
44	23	43
92	76	34
35	68	71
84	95	24
50	49	88

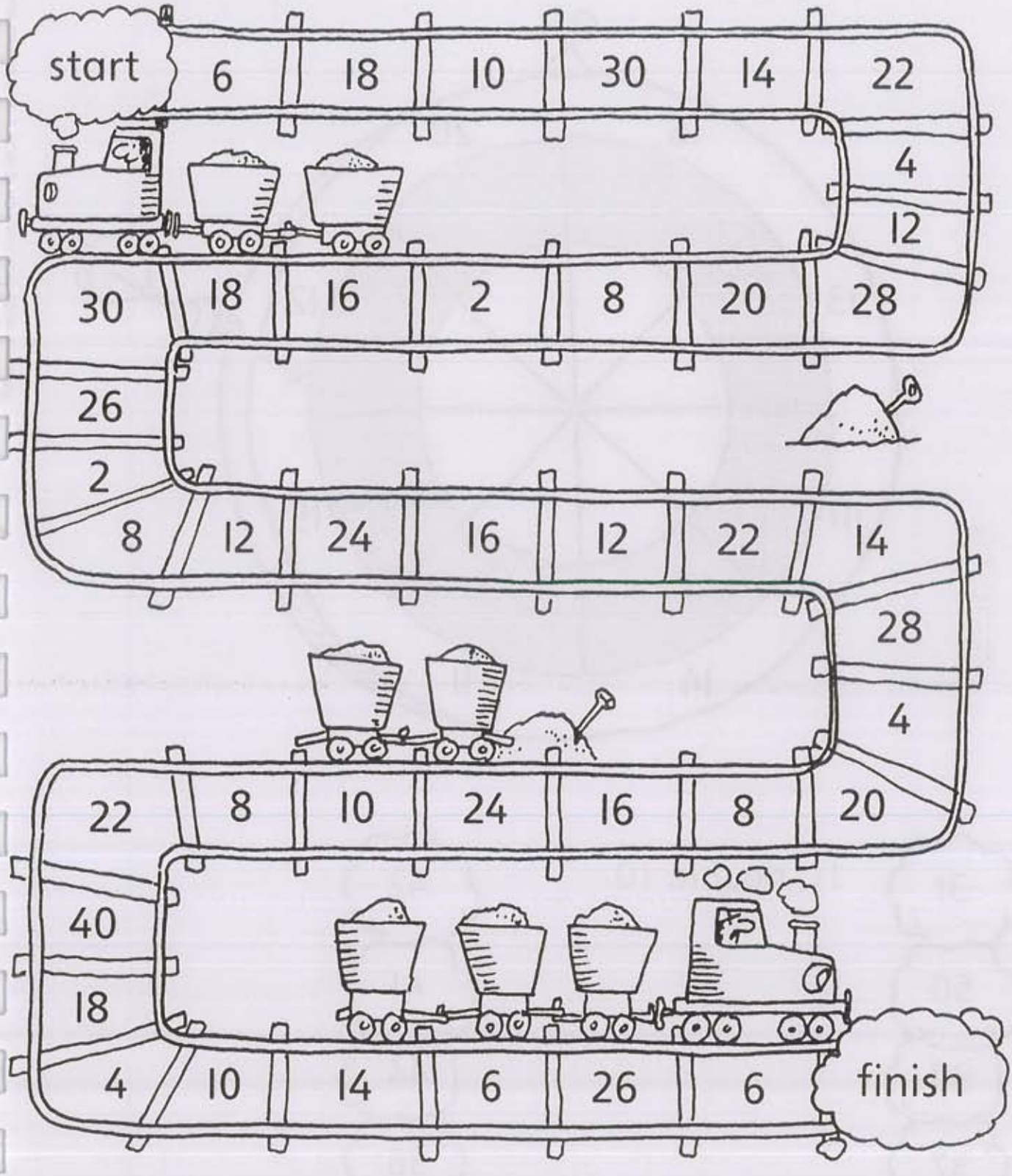
61	26	

Take away 6 from each number on the left-hand tower.
Write the answers in the matching squares on the right-hand tower.

PS

Name .....

Halving game

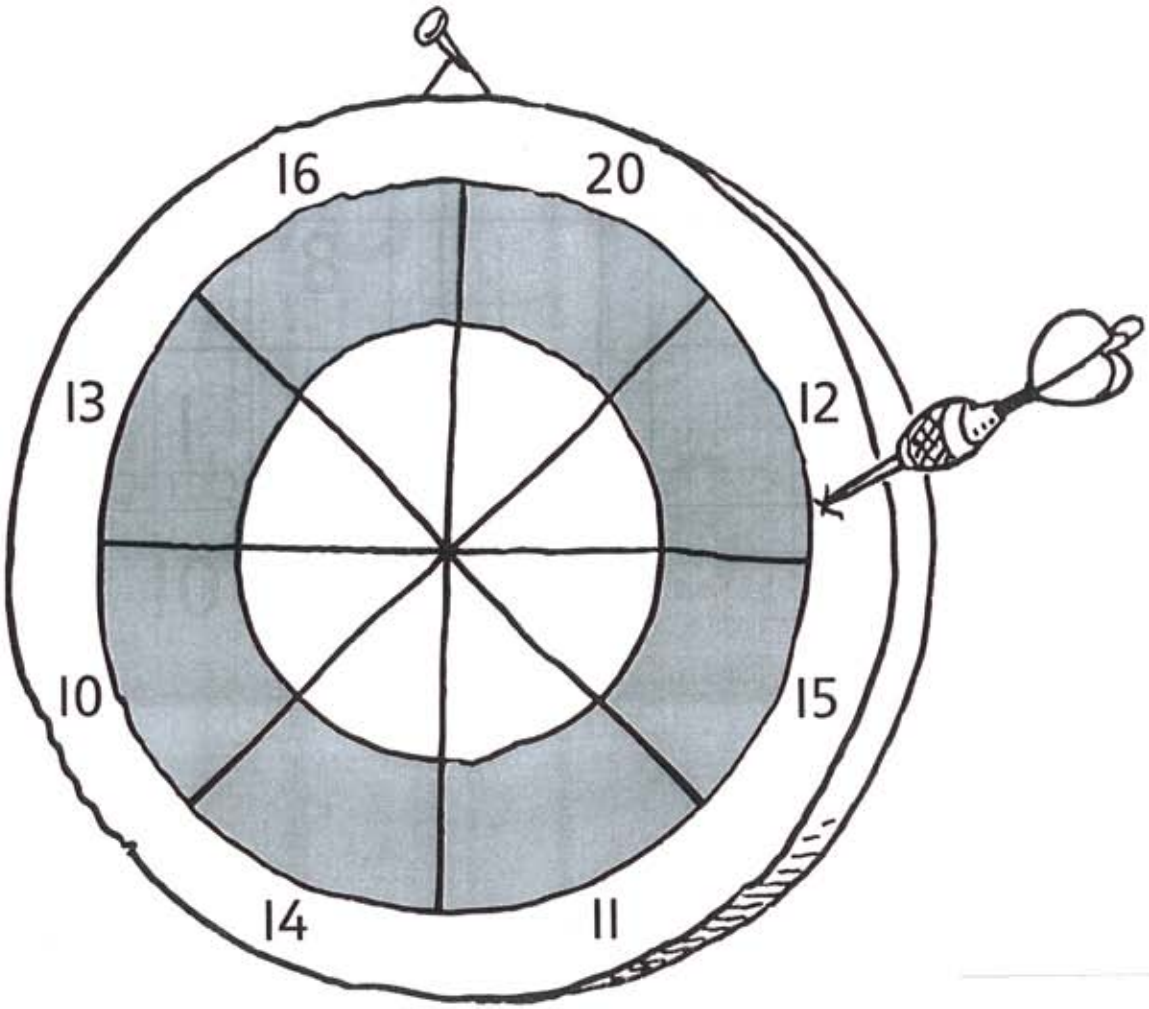


A game for two to four players, each with a counter at 'start'. Take turns to roll a dice, and move your counter a matching number of squares. Say half of the number you land on. If correct, move to the next space on the track. Check each other's answers. The winner is the first to reach or pass 'finish'.

PS

 Name .....

Scores



31 — 11, double 10

50 — .....

38 — .....

37 — .....

42 — .....

41 — .....

44 — .....

36 — .....

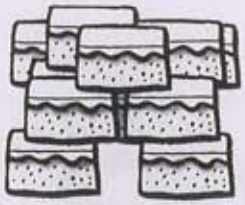
The grey ring counts double. Place two counters on the target to make the scores.
Write how you made them.
Find different ways of scoring 40 with two counters.

PS

 Name .....

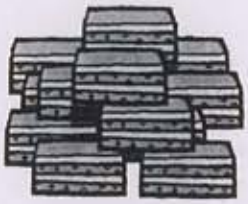
Doubling and halving

8p each
double 8p = 16p

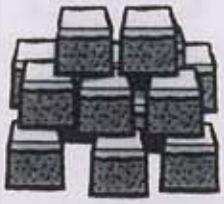


14p each

17p each



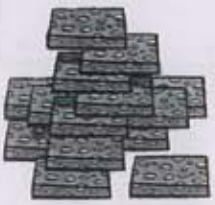
11p each



18p each

7p each

19p each



12p each

15p each

26 sweets
half of 26 = 13

14 sweets

36 sweets

28 sweets

18 sweets

38 sweets

24 sweets

32 sweets

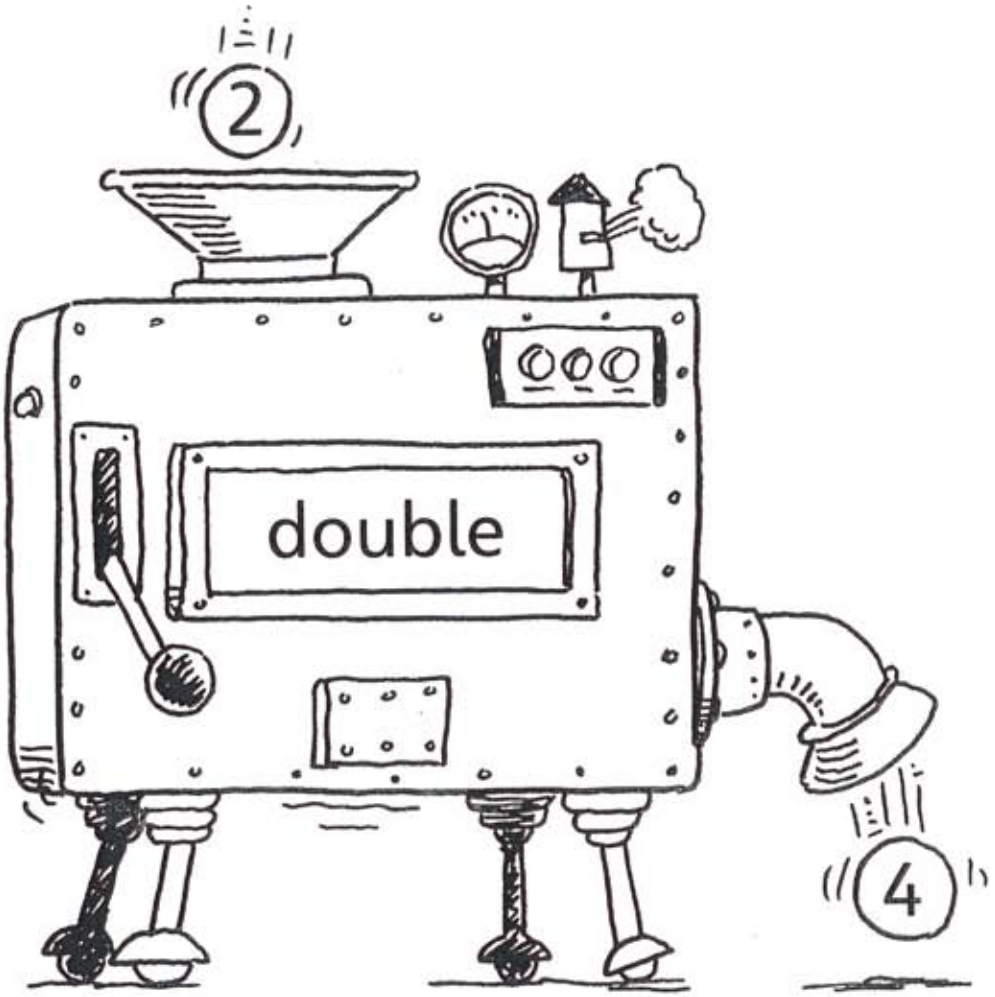
22 sweets

Write the price if you were to buy 2 pieces of each cake.
Write half of each number of sweets.

PS

 Name .....

Doubles and halves



in	11	13	8		9		15			12
out				28		12		20	14	

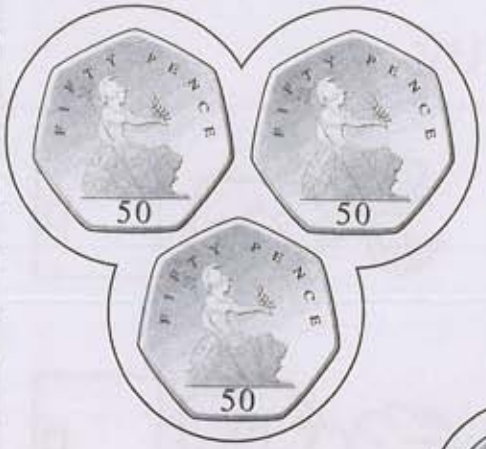
in	10	25	40			30		15		
out				10	100		90		70	40

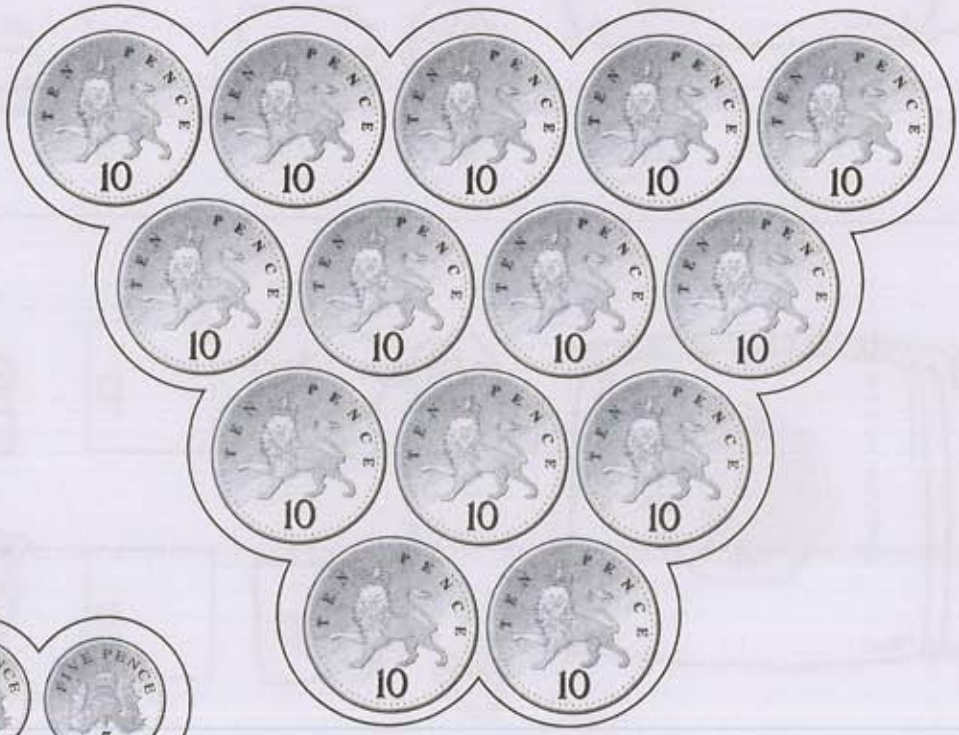
Write the missing numbers for the doubling machine.

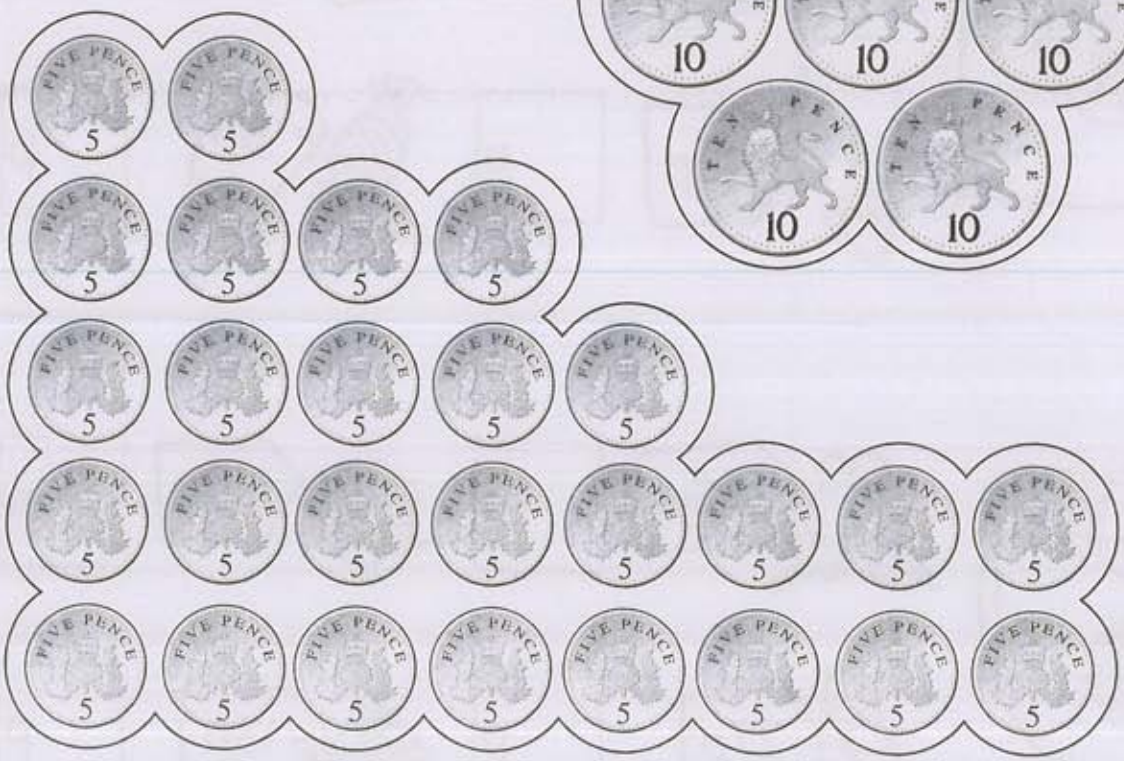
PS

Name .....

Making £1







Colour the correct number of coins in each set to make £1.

PS

 Name .....

Change

pay with

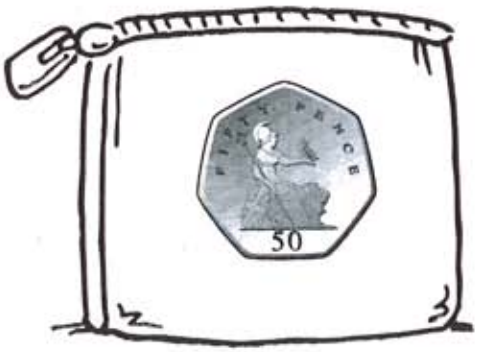
buy

p

p

p

p



p

p

p

p

p

p

p

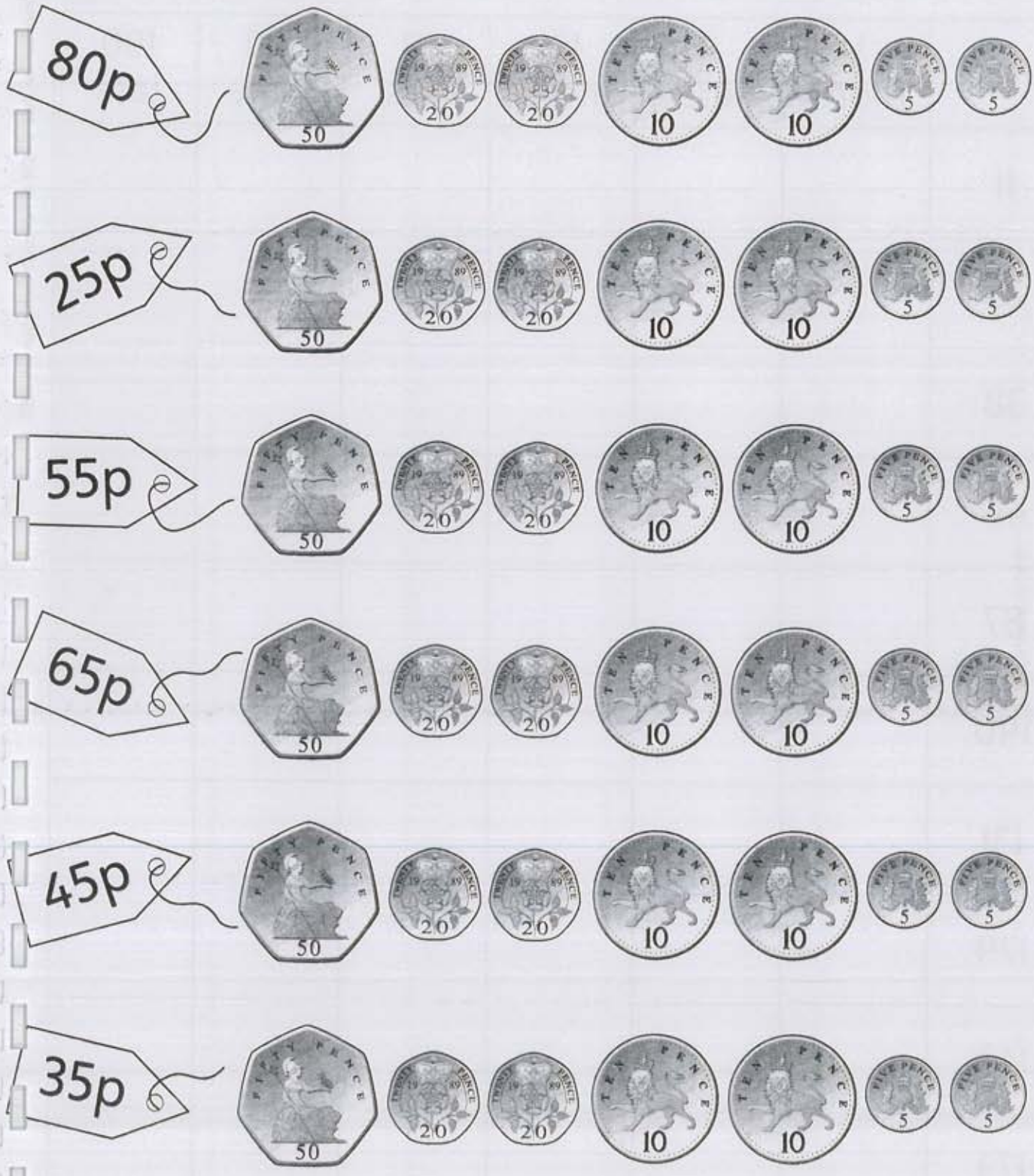
p

Write the amount of change each time.

PS

Name .....

Fewest coins



Colour the fewest coins you need to match the price.

PS

 Name .....

More and less

	1 more	1 less	10 more	10 less	100 more	100 less
11						
23						
38						
46						
87						
190						
131						
179						
142						
173						

Complete the table.

PS

 Name .....

Hiding numbers

131 132 137 138

Write your own numbers in order. Hide four numbers behind the clouds.

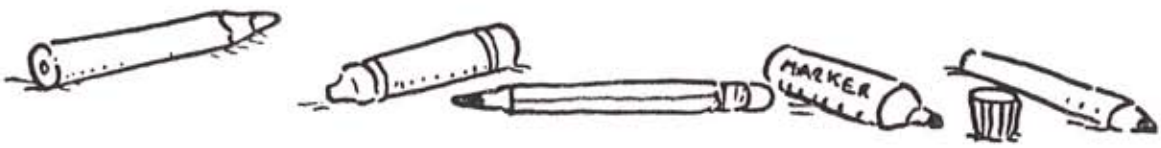
PS

Name .....

Even and odd

9	35	23	17
15	14	48	16
11	35	13	49
12	34	22	7
27	15	29	55

57	9	43	7
16	42	4	3
48	8	36	31
54	34	60	65
18	32	20	19



16	4	32	17
44	11	63	15
8	56	18	10
68	17	19	82
14	90	6	20

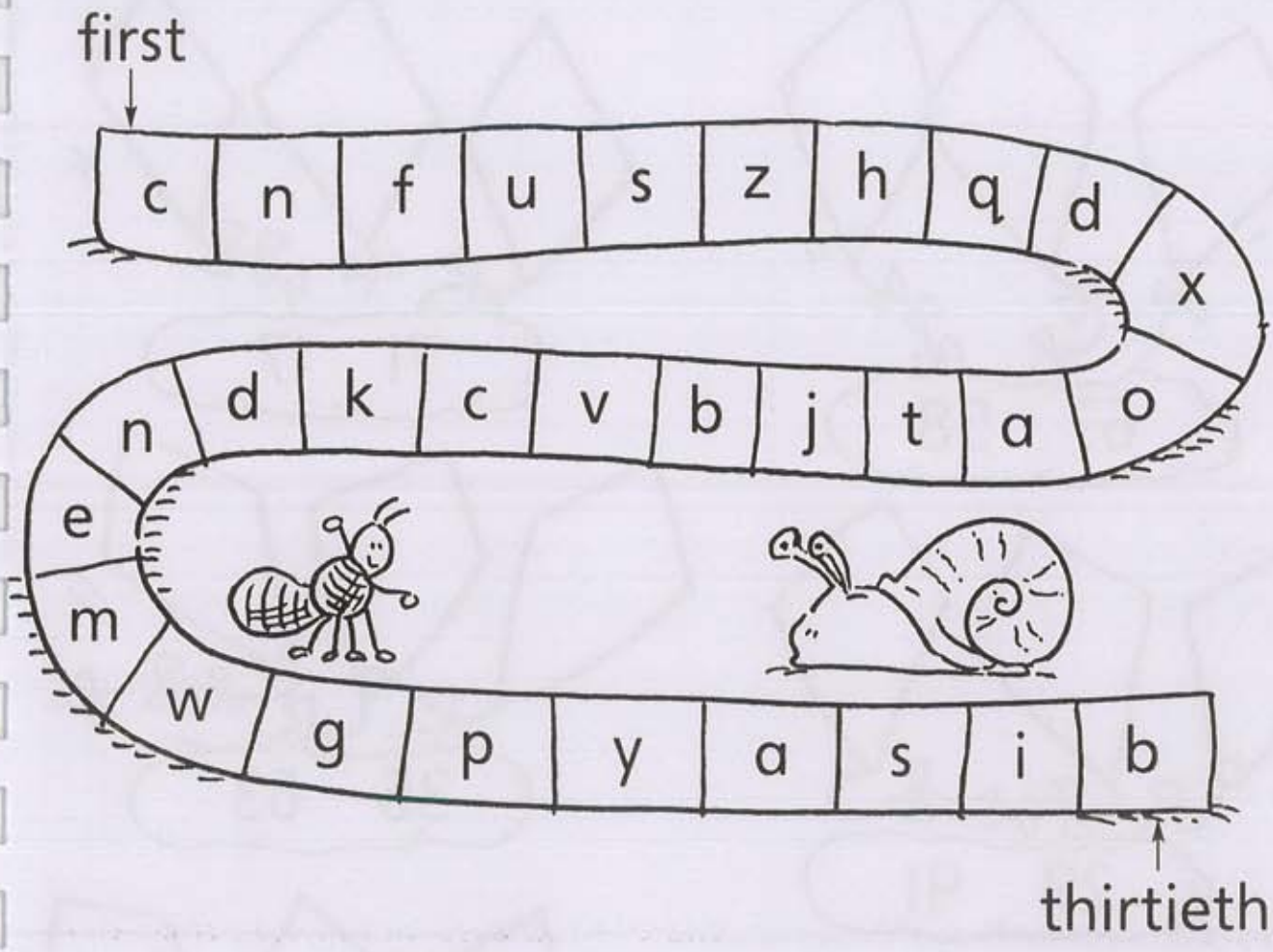
20	56	12	40
51	33	37	14
36	52	20	48
17	9	45	32
44	28	60	16

Colour green the odd numbers in the top two grids.
What digits do the green shapes show?
Colour blue the even numbers in the bottom two grids.
What digits do the blue shapes show?

PS

 Name .....

Position



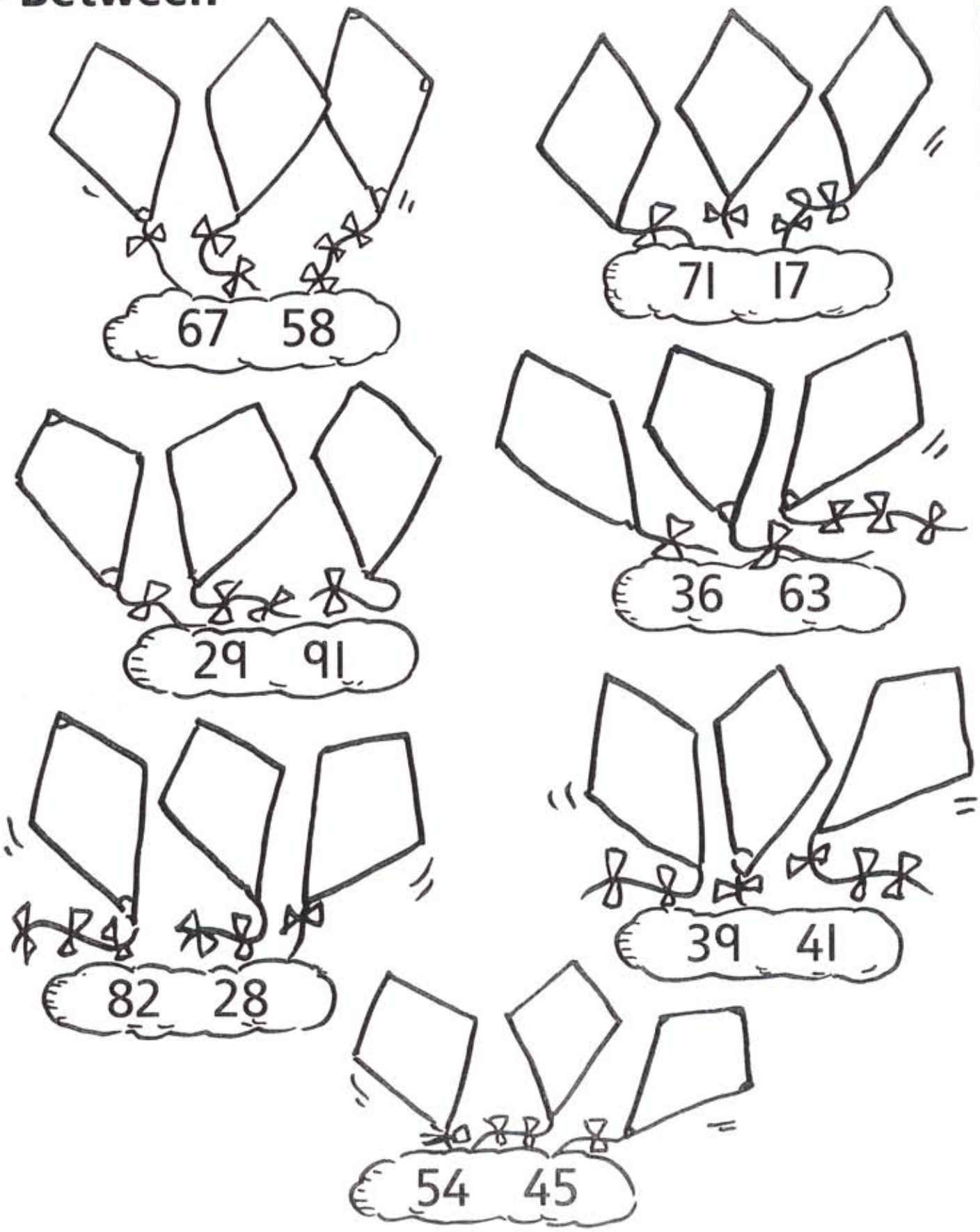
third		ninth	
fifteenth		twenty-first	
eighteenth		fifth	
twenty-sixth		eleventh	
twentieth		twelfth	

Write the letters in these positions.

PS

Name .....

Between



Write the smaller number on the left kite. Write the larger number on the right kite.
Write a number between the two on the middle kite.

PS

 Name .....

In order

points

round 1 ☐☐ ☐☐ _____

round 2 ☐☐ ☐☐ _____

round 3 ☐☐ ☐☐ _____

round 4 ☐☐ ☐☐ _____

round 5 ☐☐ ☐☐ _____

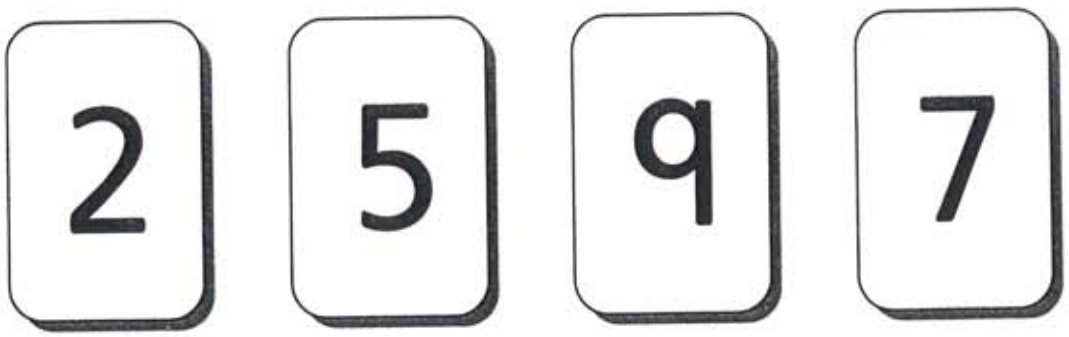
total score ☐

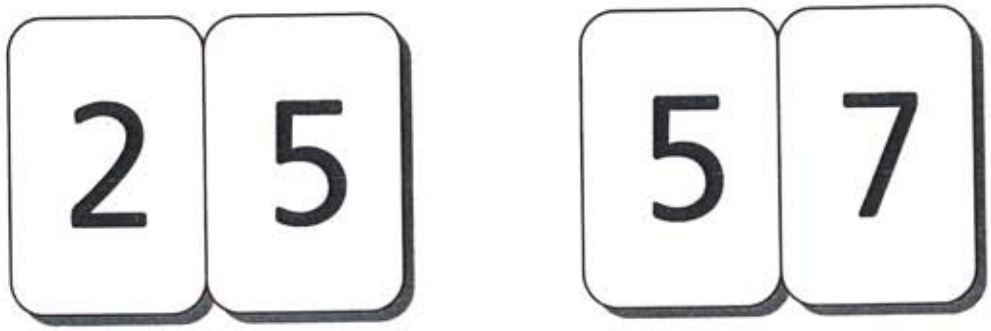
A game for two or more players, each with a copy of this score sheet. Roll a dice. Each player chooses which of their four boxes to write the score in. Roll the dice again, and write the score in another box. Do this twice more. Your four digits have made two 2-digit numbers. Score 2 points if they are in order: smaller, larger. Otherwise score 1 point. Play five rounds. The winner is the player with the highest total score.

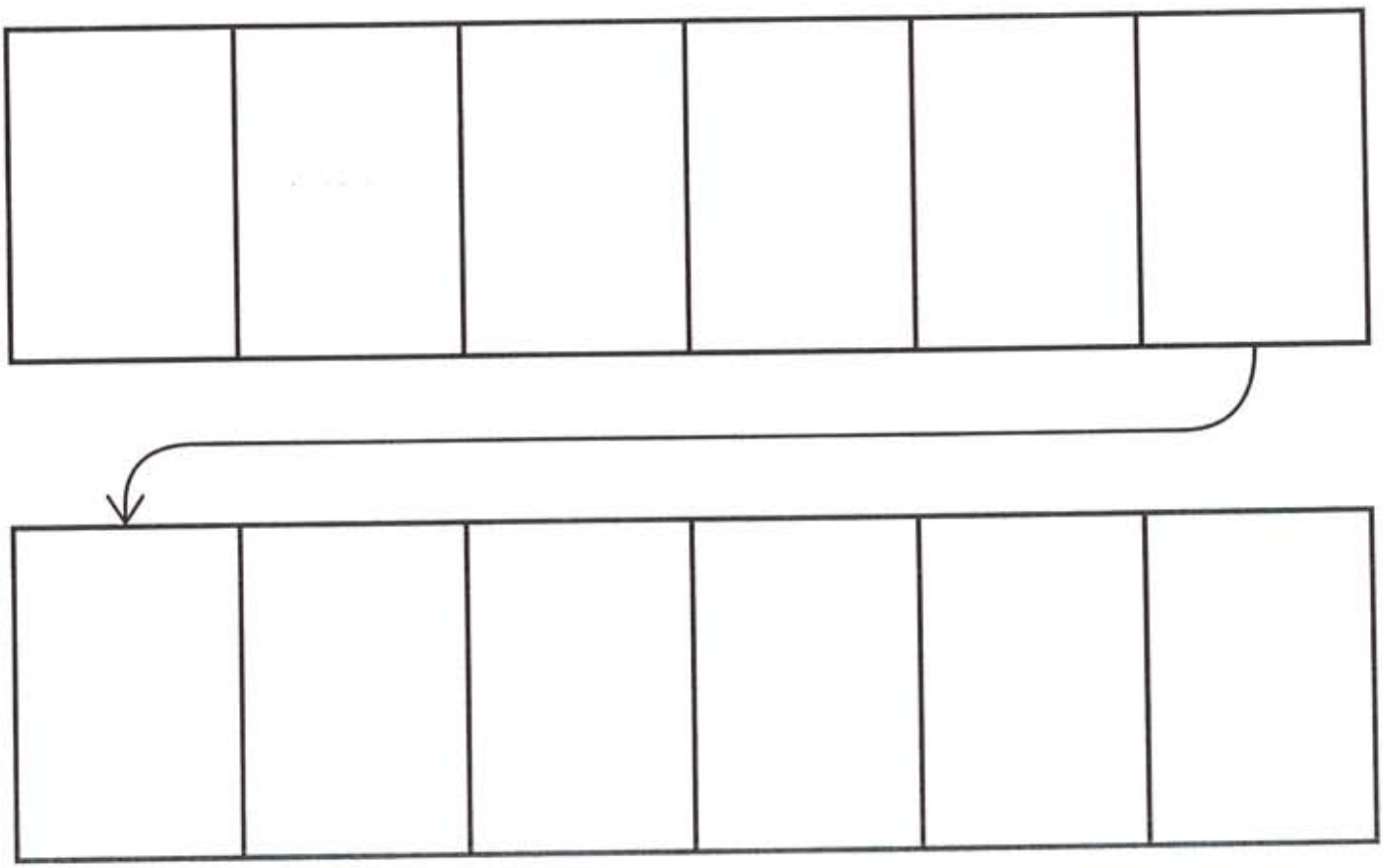
PS

Name .....

Card numbers







Use four number cards as shown at the top of the sheet.
Make as many different 2-digit numbers as you can using these four cards. There are 12 altogether. Write them in order, from smallest to largest, on the number track.

PS

 Name .....

More than, less than, in between

45 < 33		62 > □8	
77 < 7□		2□ > 26	
81 < □5		5□ > 47	
21 < □7		□4 > 68	

285 < 265
275

624 □ 642

391 □ 399

461 □ 456

102 □ 112

578 □ 478

426 □ 408

999 □ 989

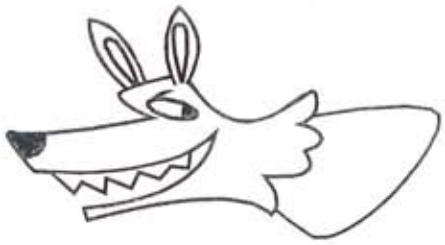
538 □ 532

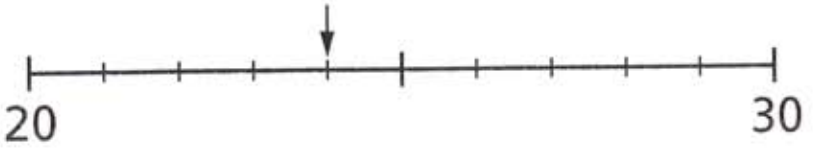
Fill in the missing digits to make the statements true.
Write < or > between each pair of 3-digit numbers. Write a number about half-way between each pair.

PS

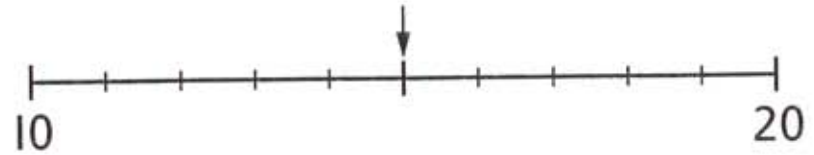
Name .....

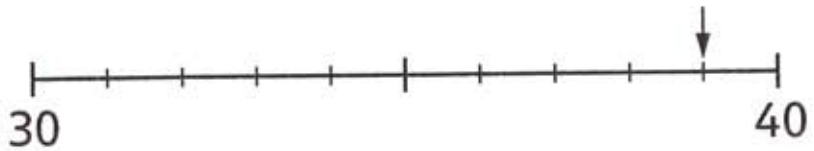
The next 10

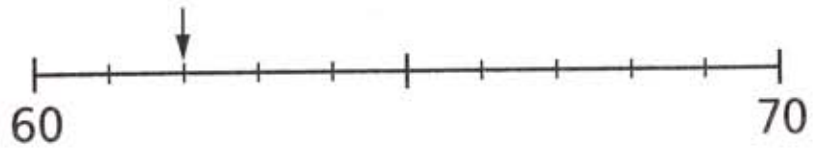


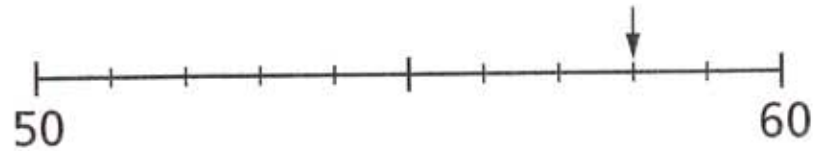


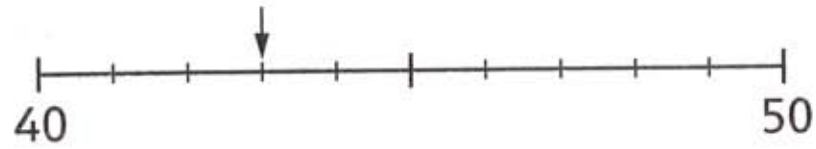
24 + 6 = 30

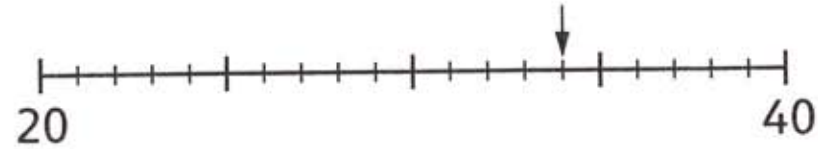


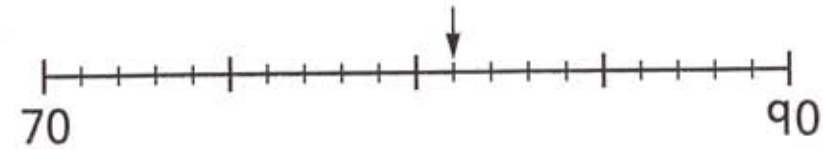












Write the position of each arrow, and add to each to make the next 10.

PS

 Name .....

Windows

3	5	9
8	4	2
6	1	7

make 10

7		

1	5	3
6	0	7
2	8	4

make 9

13	4	18
6	11	17
15	9	7
3	14	8

make 20

For each pair of windows, write numbers in the matching squares to make the totals shown in the arrows.

PS

 Name .....

Adding three numbers

3	1	6
5	7	2
8	4	3

8	5	3
2	7	2
1	4	6

3	7	1
8	2	6
3	5	4

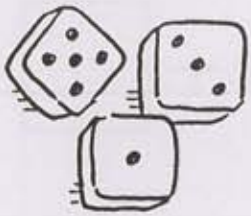
3	6	2
8	1	5
9	7	4

Add the numbers in each row and each column. Write the totals in the clouds.

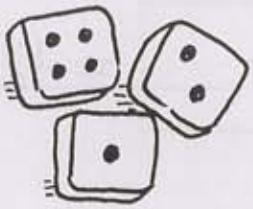
PS

Name .....

Dice totals



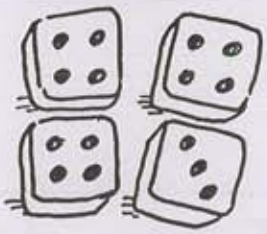
□ + □ + □ = □



□ + □ + □ = □

□ + □ + □ = □

□ + □ + □ = □



□ + □ + □ + □ = □

□ + □ + □ + □ = □

□ + □ + □ = 10

□ + □ + □ = 10

□ + □ + □ = 10

□ + □ + □ = 10

□ + □ + □ = 10

□ + □ + □ = 10

□ + □ + □ = 10

□ + □ + □ = 10

Add the dice numbers in each set.
Then write different ways of making 10 with three numbers.

PS

 Name .....

Adding three numbers

$3 + 4 + \square = 12$

$6 + 3 + \square = 10$

$2 + 6 + \square = 15$

$7 + 4 + \square = 13$

$5 + 3 + \square = 10$

$8 + 5 + \square = 16$

$4 + 1 + \square = 11$

$9 + 6 + \square = 20$

$3 + 7 + \square = 18$

$8 + 8 + \square = 19$

$2 + 9 + \square = 15$

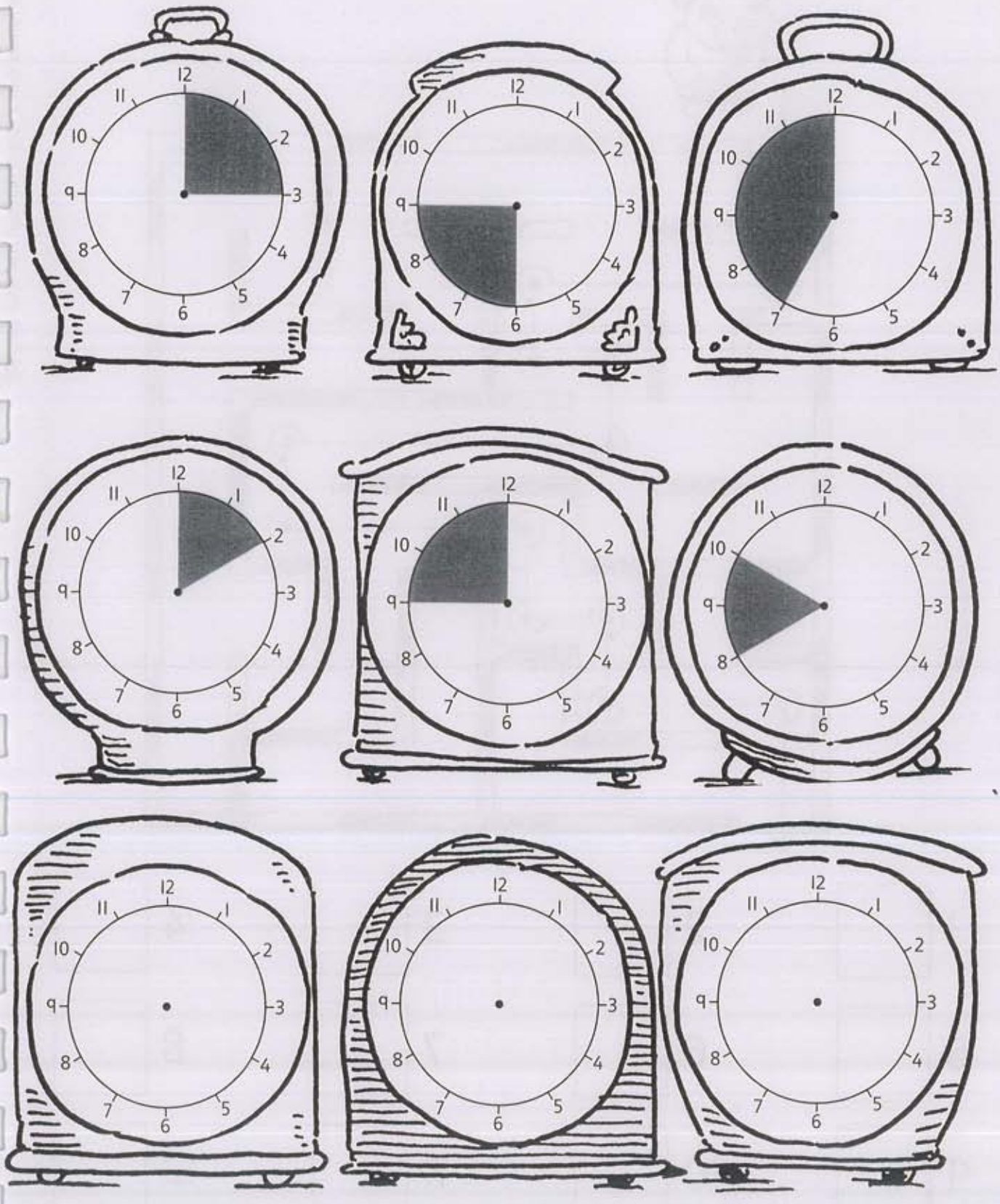
$4 + 5 + \square = 10$

Complete the additions.

PS

Name .....

Right angles

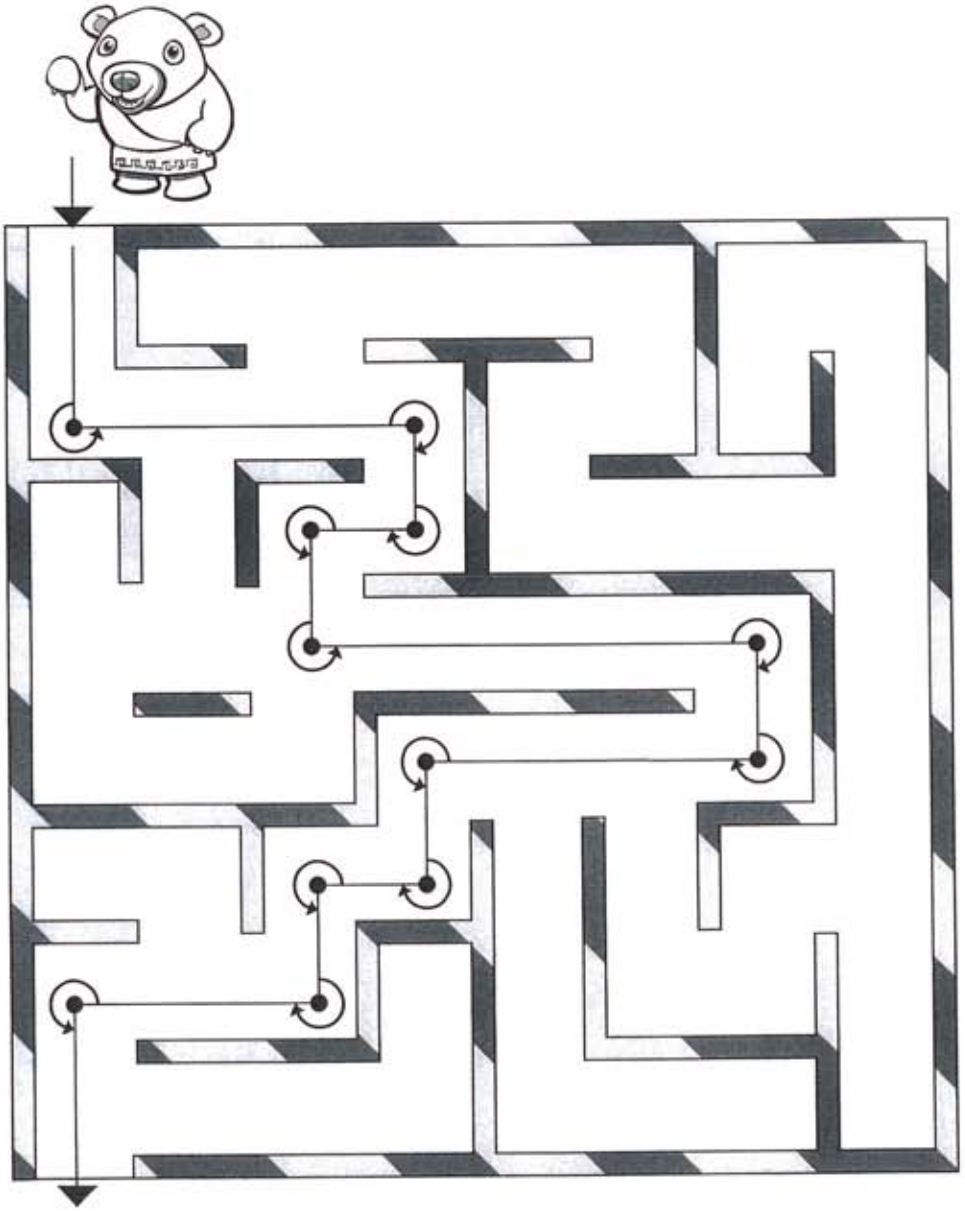


Tick the right angles in the top two rows.
Draw three of your own right angles in the bottom row.

PS

 Name .....

Clockwise and anticlockwise



1	2	3	4
5	6	7	8
9	10	11	12

Each turn on the route is clockwise or anticlockwise.
Write 'c' or 'a' for each.

PS

 Name .....

Turning

1 right angle

clockwise

2 right angles

3 right angles

4 right angles

anticlockwise

2 right angles

1 right angle

3 right angles
clockwise

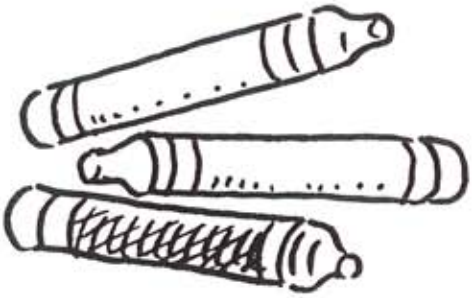
2 right angles
anticlockwise

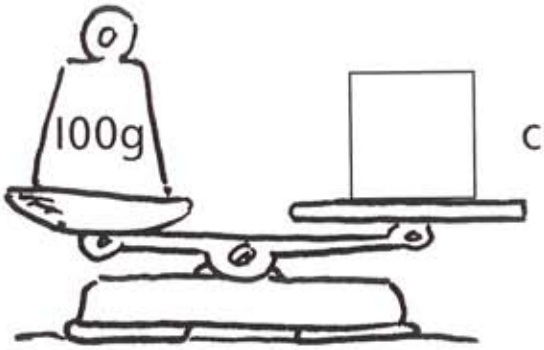
Draw the new position of the hand after these turns.

PS

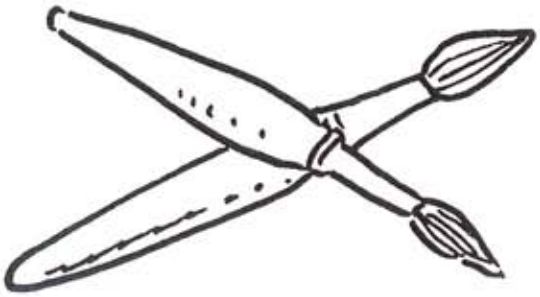
 Name .....

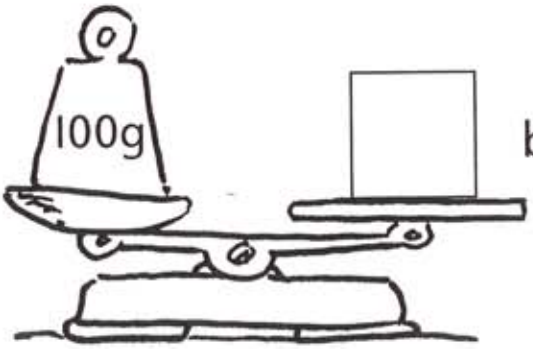
Grams



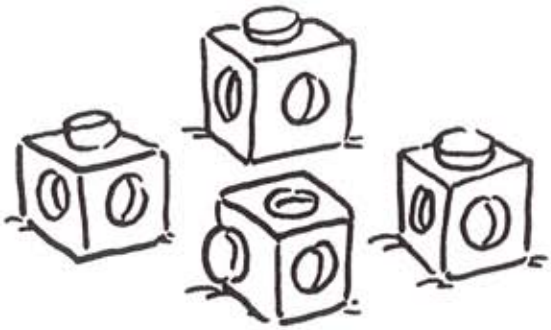


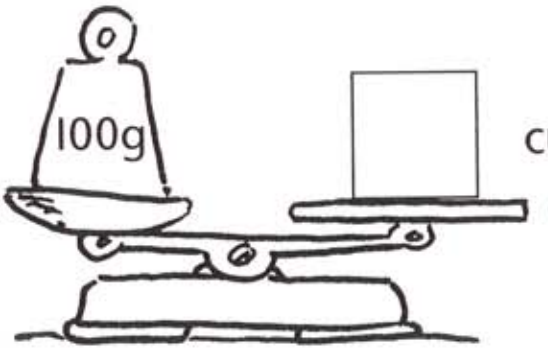
crayons



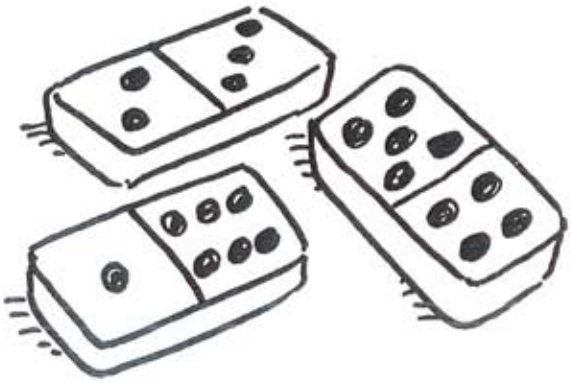


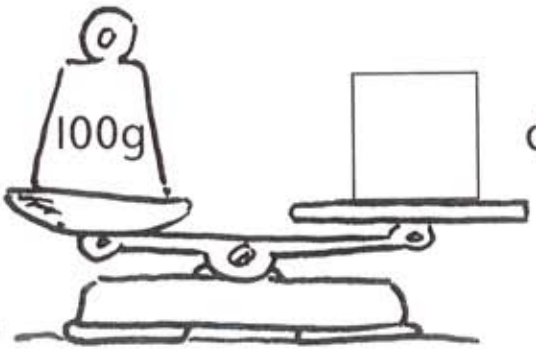
brushes





cubes





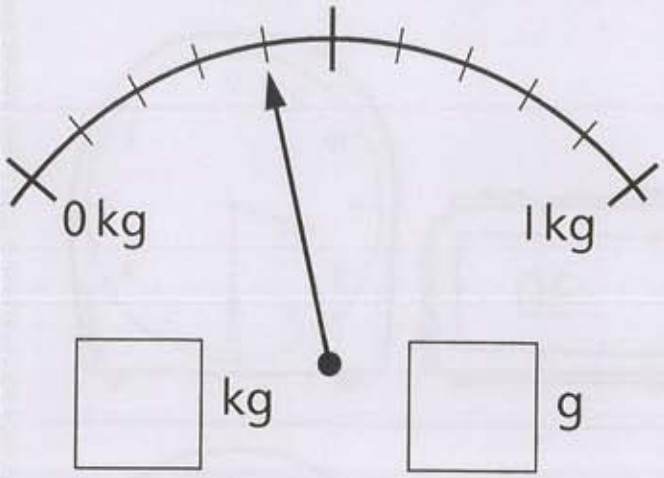
dominoes

Use a balance. Find each of the objects in the pictures. How many of each do you need to balance 100g?

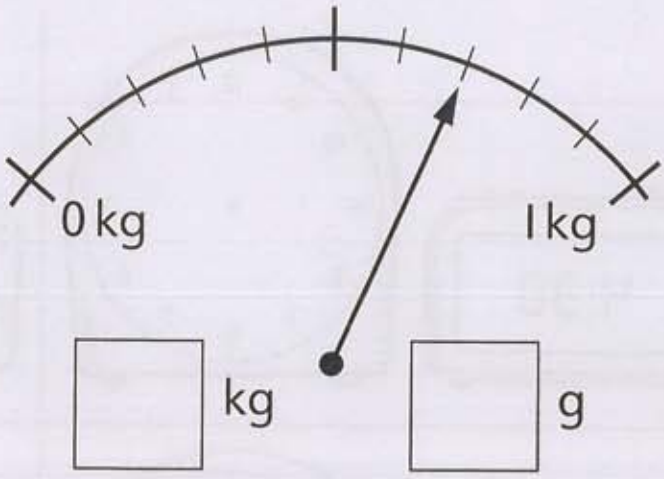
PS

 Name .....

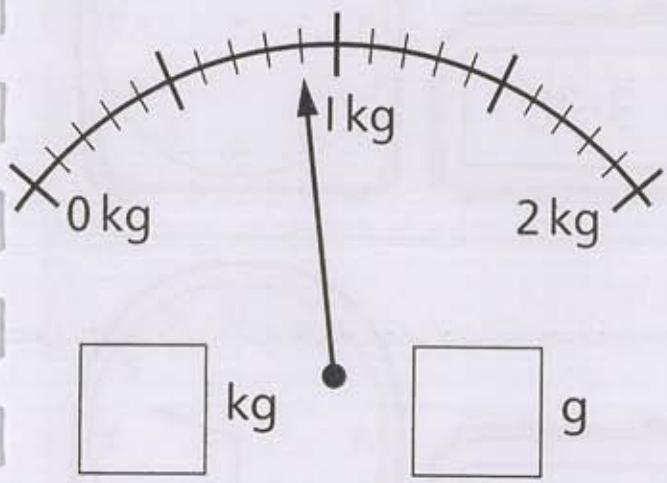
Grams and kilograms



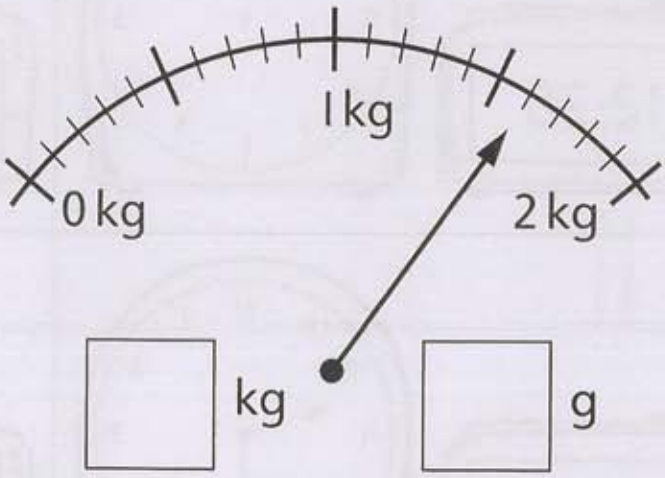
kg g



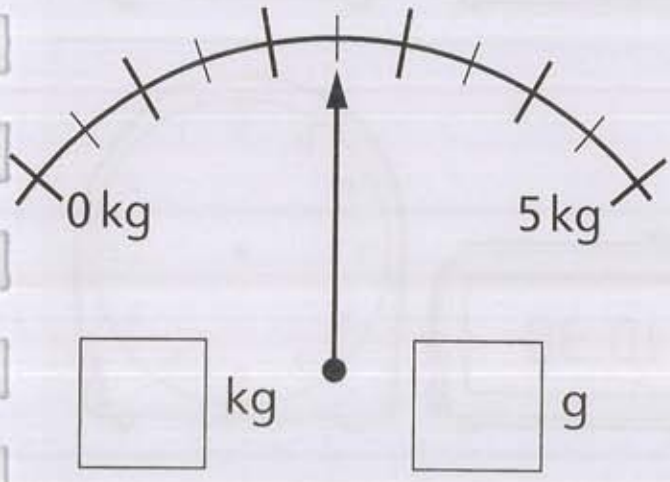
kg g



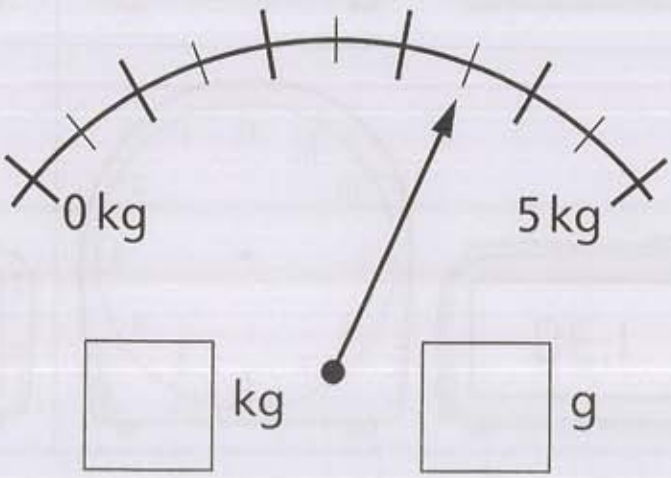
kg g



kg g



kg g



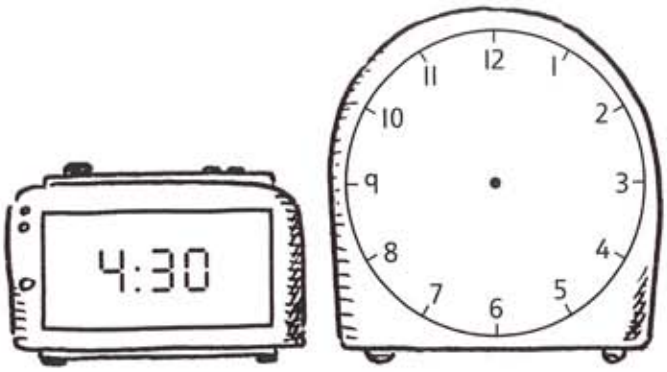
kg g

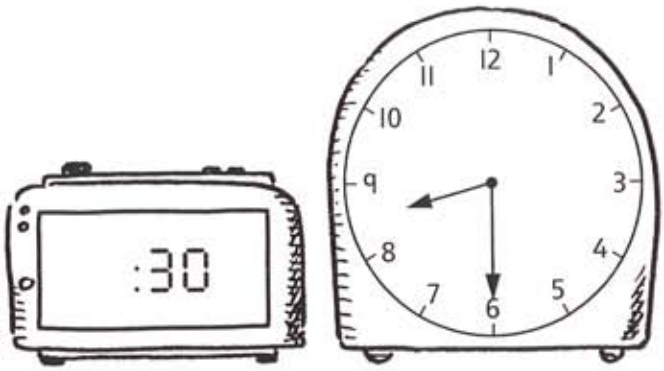
Write the weight shown on each scale in kilograms and grams.

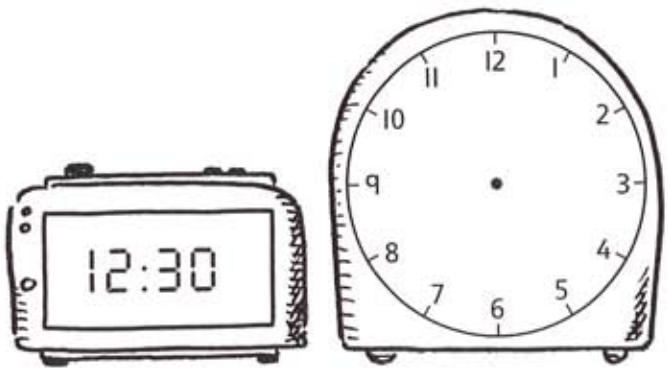
PS

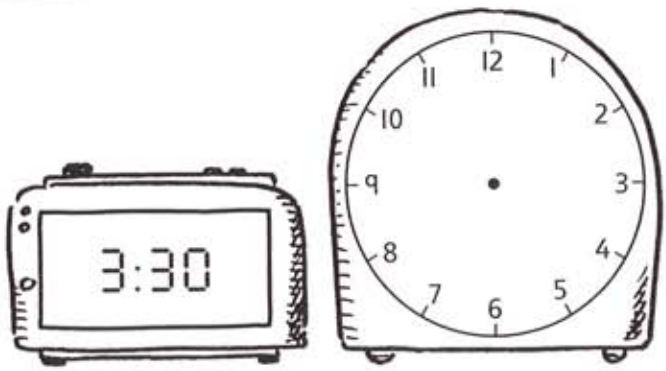
Name .....

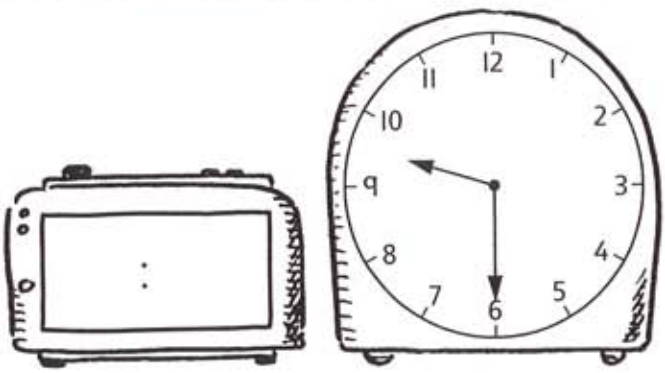
Half past

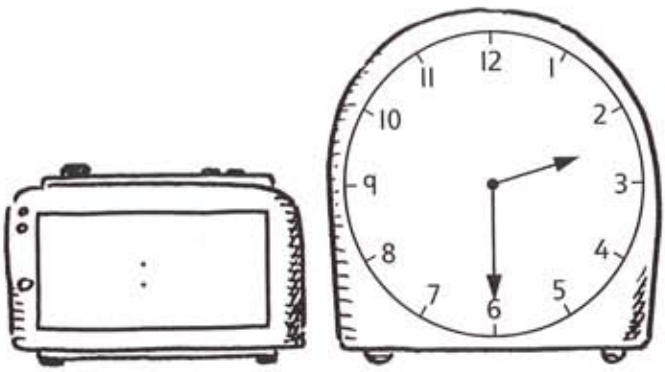


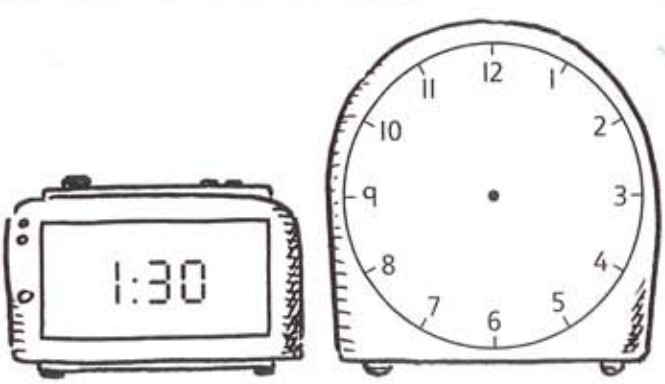


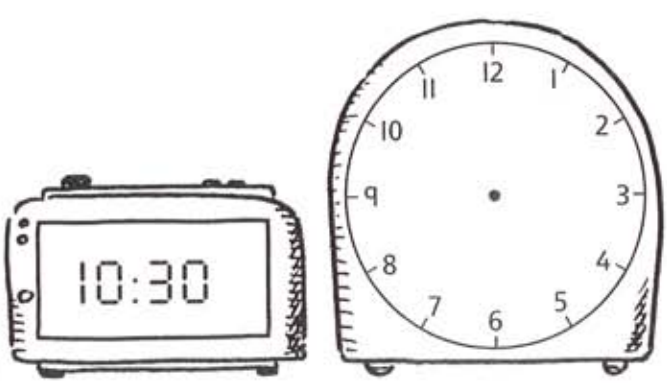










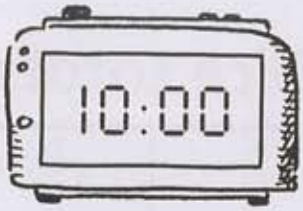


Make each pair of clocks show the same time.

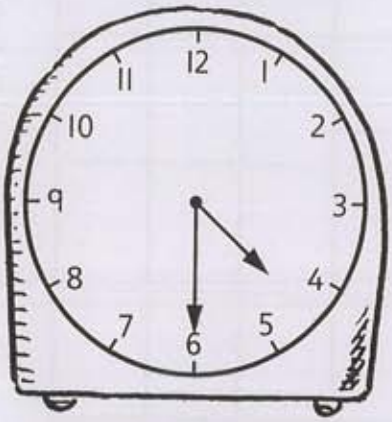
PS

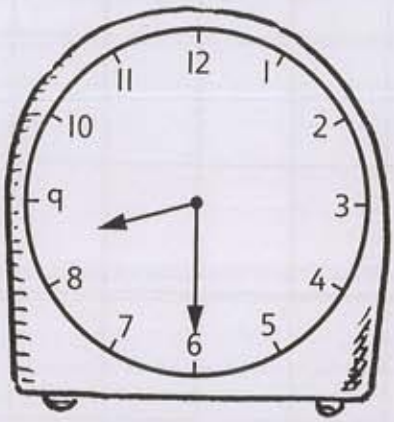
Name .....

Times

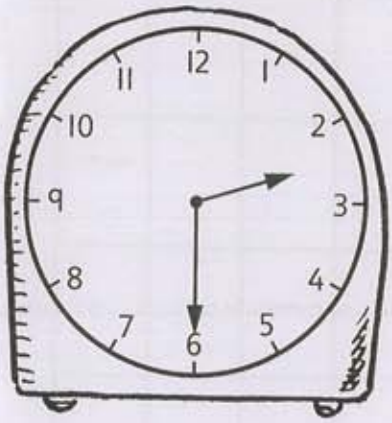


..... hours

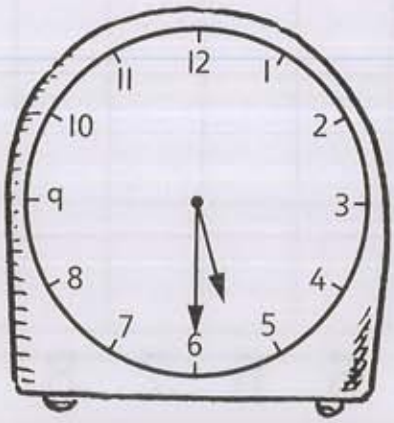




..... hours



..... hours



..... hours

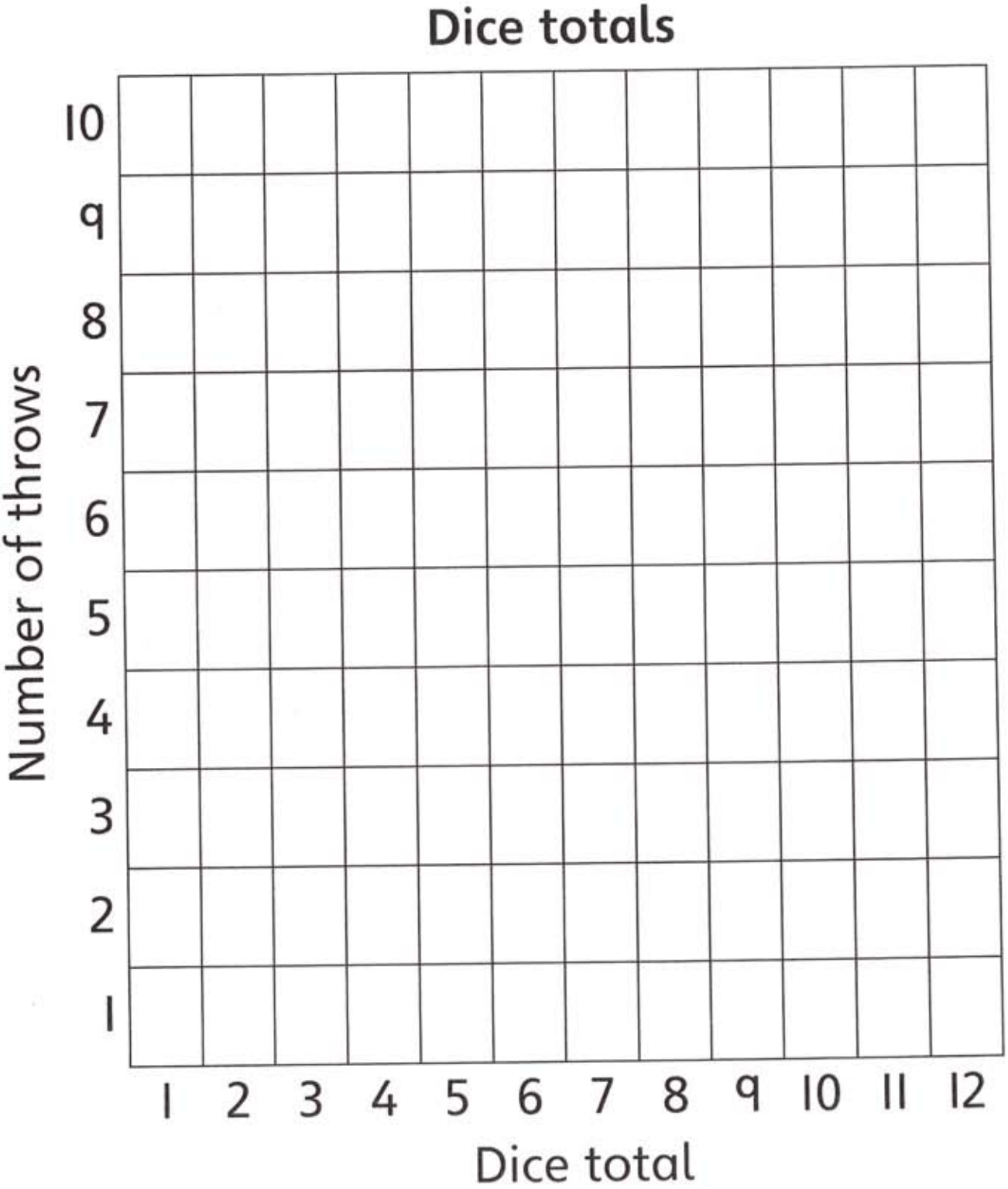
..... hours

Write how many hours have passed between the first and second clocks.
Write your own times on the last two clocks.

PS

Name .....

Block graph

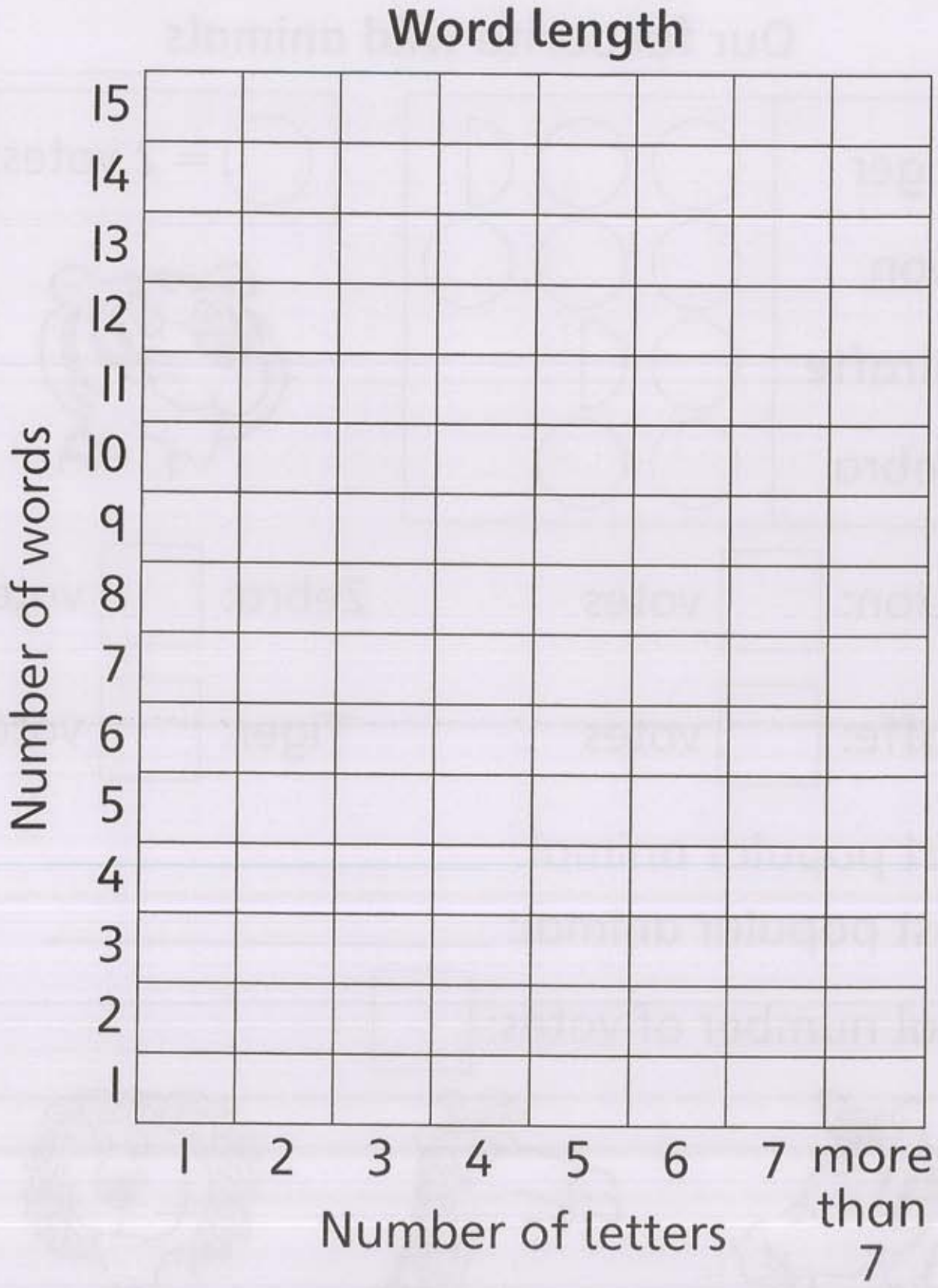


Throw two dice and add the numbers. Colour one block on the graph in the column which matches the total. Repeat until one column reaches the top. Discuss the finished graph.

PS

Name .....

Block graph



Find a book and open it at any page. Choose a word and count the number of letters. Colour one block on the graph in the correct column. Do this for 30 words. Discuss the finished graph.

PS

 Name .....

Pictograph

Our favourite wild animals

Tiger	● ● ◗
Lion	● ● ●
Giraffe	● ◗
Zebra	● ●

● = 2 votes

Lion: ☐ votes

Zebra: ☐ votes

Giraffe: ☐ votes

Tiger: ☐ votes

Most popular animal: _____

Least popular animal: _____

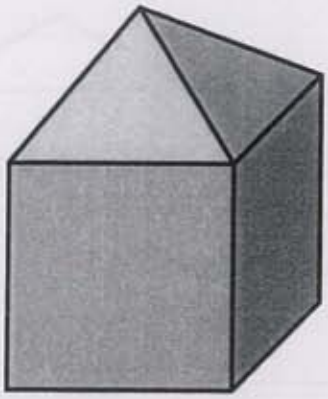
Total number of votes: ☐

Complete the information about the graph.

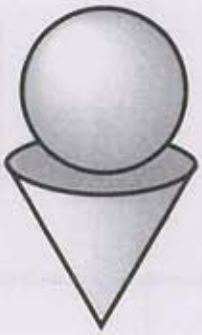
PS

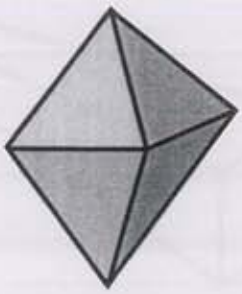
Name .....

Shapes



a pyramid on a cube



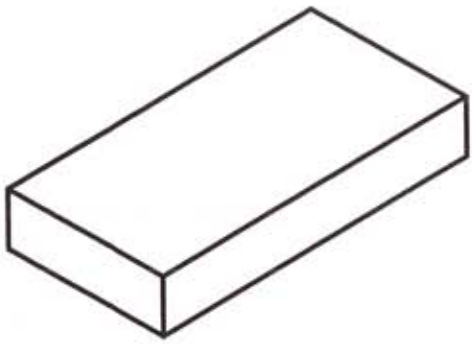


Each picture shows one shape on top of another. Describe each picture.

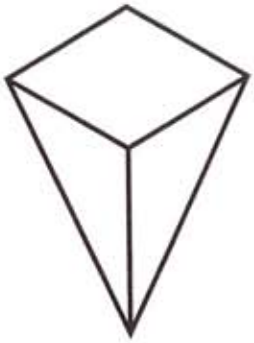
PS

Name .....

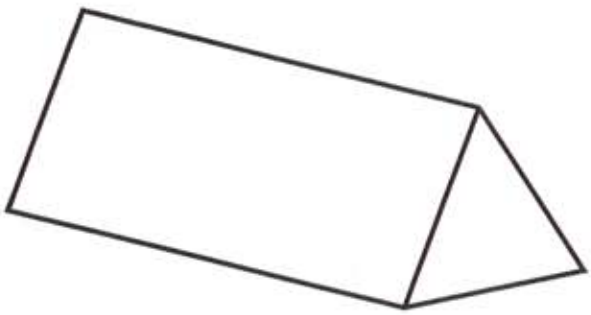
Corners



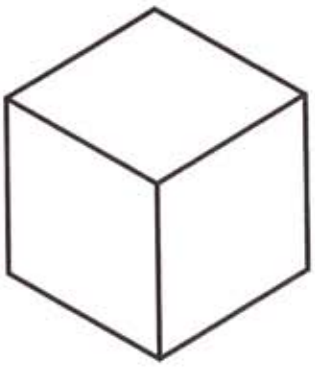
☐ corners



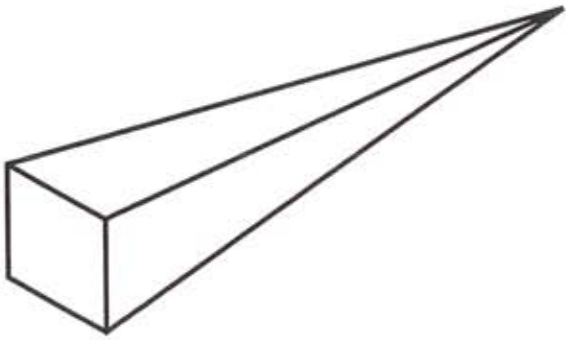
☐ corners



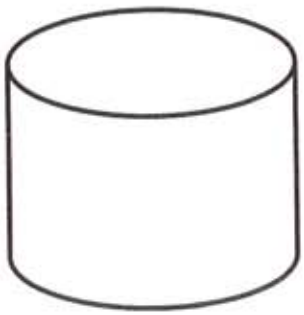
☐ corners



☐ corners



☐ corners



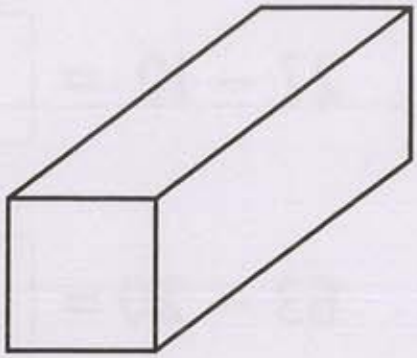
☐ corners

Find one of each shape. Write the number of corners each shape has.

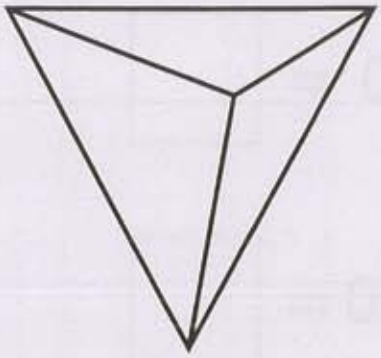
PS

 Name .....

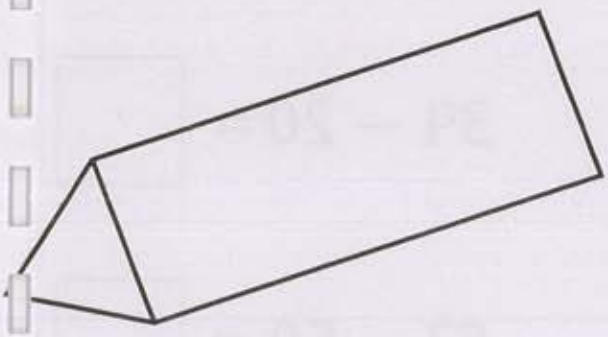
Faces

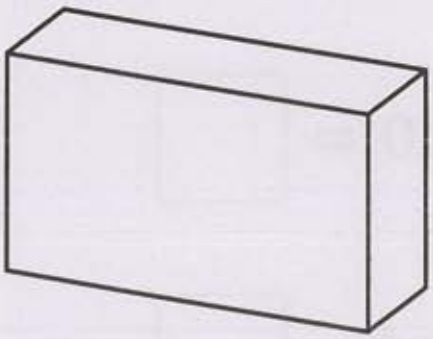


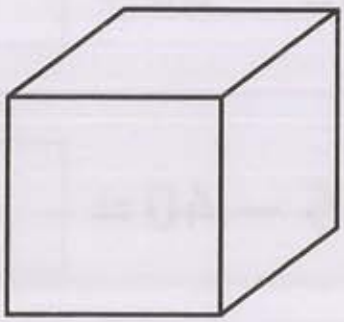
2 squares

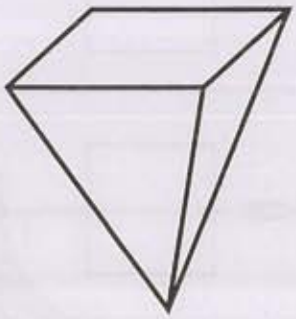


4 rectangles









Describe the faces of each shape.

PS

Name .....

Taking away 10s

36 − 10 = ☐

27 − 10 = ☐

45 − 20 = ☐

63 − 20 = ☐

57 − 20 = ☐

74 − 30 = ☐

48 − 10 = ☐

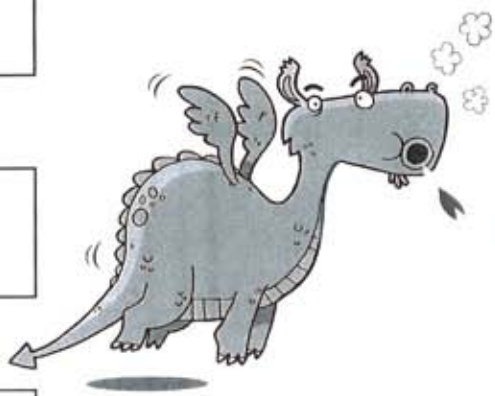
39 − 20 = ☐

75 − 40 = ☐

67 − 50 = ☐

29 − 10 = ☐

96 − 30 = ☐



52 − 20 = ☐

65 − 40 = ☐

71 − 50 = ☐

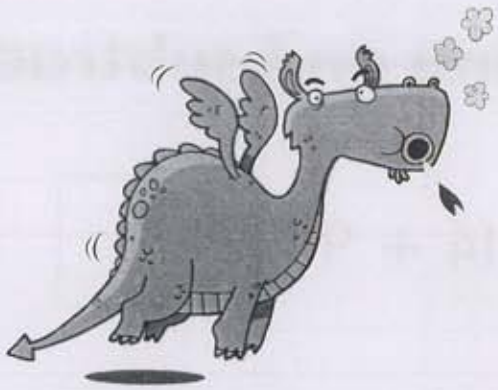
85 − 60 = ☐

Complete the subtractions.

PS

 Name .....

Adding



17p + ☐ p = 27p

25p + ☐ p = 55p

41p + ☐ p = 81p

54p + ☐ p = 84p

74p + ☐ p = 94p

58p + ☐ p = 98p

60p + ☐ p = 90p

32p + ☐ p = 62p

79p + ☐ p = 99p

50p + ☐ p = 80p

16p + ☐ p = 66p

57p + ☐ p = 67p

23p + ☐ p = 63p

Complete the additions.

PS

Name .....

Adding and subtracting

$14 + 9 =$ ☐

$23 + 9 =$ ☐

$27 - 9 =$ ☐

$26 - 9 =$ ☐

$35 + 9 =$ ☐

$35 - 9 =$ ☐

$42 + 19 =$ ☐

$53 - 19 =$ ☐

$62 - 19 =$ ☐

$28 + 19 =$ ☐

$73 - 29 =$ ☐

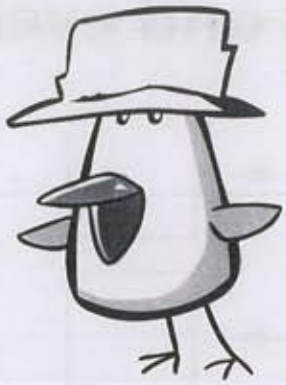
$26 + 29 =$ ☐

Complete the additions and subtractions.

PS

Name .....

5s and 10s



start

1	2	3	4	5	6	7	8
16	15	14	13	12	11	10	9
17	18	19	20	21	22	23	24
32	31	30	29	28	27	26	25
33	34	35	36	37	38	39	40
48	47	46	45	44	43	42	41
49	50	51	52	53	54	55	56
64	63	62	61	60	59	58	57

finish

A game for two players, each with a counter at 'start'. Take turns to roll a dice and move your counter a matching number of spaces. If you land on a 5, move to the next 5. If you land on a 10, move to the next 10. The winner is the first to reach 'finish'.

PS

 Name .....

Odds and evens

26 → ☐

60 → ☐

35 → ☐

73 → ☐

145 → ☐

48 → ☐

27 → ☐

41 → ☐

39 → ☐

236 → ☐

☐ → 45

☐ → 64

☐ → 81

☐ → 34

☐ → 260

☐ → 53

☐ → 72

☐ → 90

☐ → 58

☐ → 147

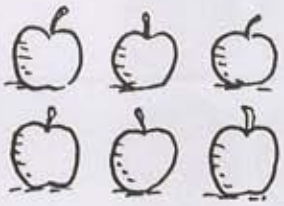
Write the next odd number after the top group of numbers.
Write the last even number before the bottom group of numbers.

PS

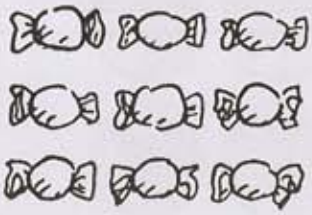
 Name .....

Sets

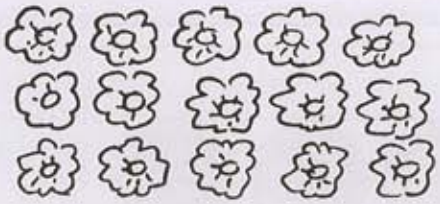
3 sets of 5 = ☐



4 sets of 2 = ☐

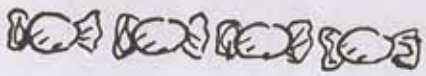


4 sets of 3 = ☐



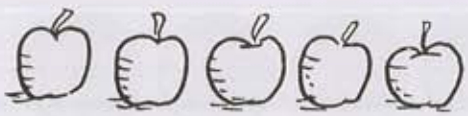
4 sets of 5 = ☐

5 sets of 2 = ☐



2 sets of 4 = ☐

3 sets of 3 = ☐



2 sets of 5 = ☐

Draw the missing objects to complete each set. Write the total number in each set.

PS

Name .....

Twos

4 × 2p = ☐ p

☐ × 2p = ☐ p

☐ × 2p = ☐ p

☐ × 2p = ☐ p

☐ × 2p = ☐ p

☐ × 2p = ☐ p

☐ × 2p = ☐ p

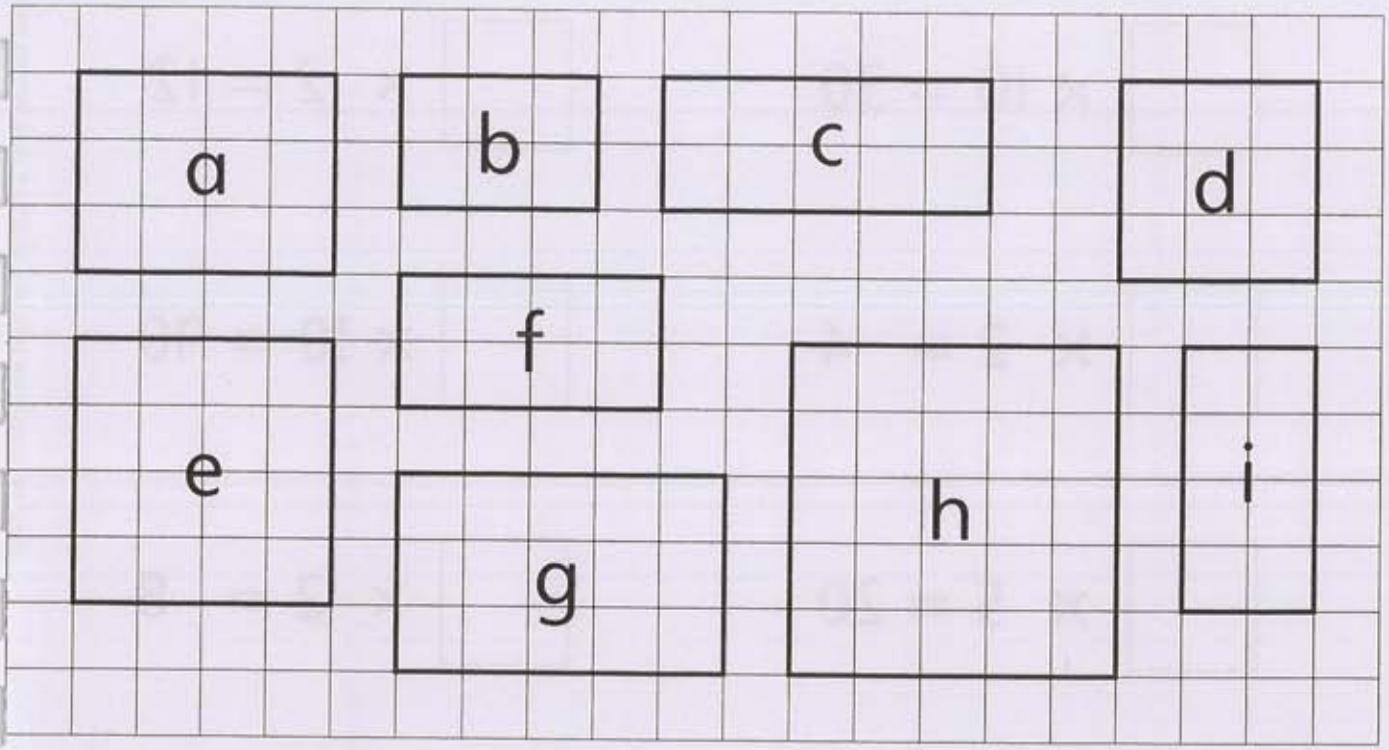
☐ × 2p = ☐ p

Complete the multiplication for each set of coins.

PS

Name .....

Multiplying



(d) $3 \times 3 = 9$

$2 \times 3 =$ ☐

$5 \times 5 =$ ☐

$4 \times 4 =$ ☐

$2 \times 5 =$ ☐

$2 \times 4 =$ ☐

$3 \times 5 =$ ☐

$4 \times 2 =$ ☐

$3 \times 4 =$ ☐

Write the letter to match each multiplication.
Complete the multiplications.

PS

Name .....

Dividing

□ × 10 = 30

□ × 2 = 12

□ × 2 = 4

□ × 10 = 90

□ × 5 = 20

□ × 2 = 8

□ × 10 = 70

□ × 5 = 15

□ × 2 = 10

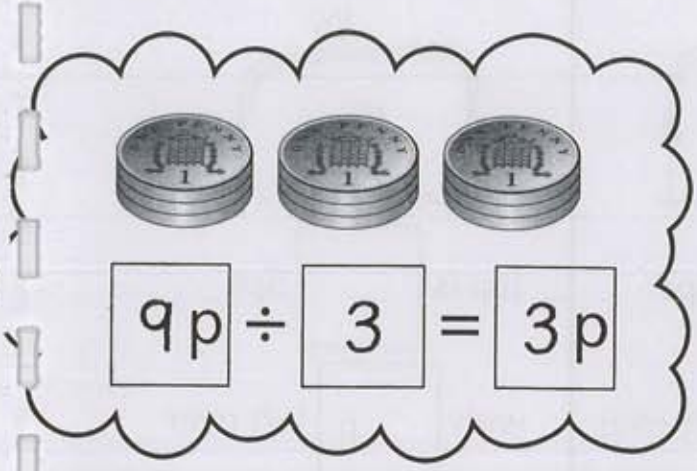
□ × 10 = 60

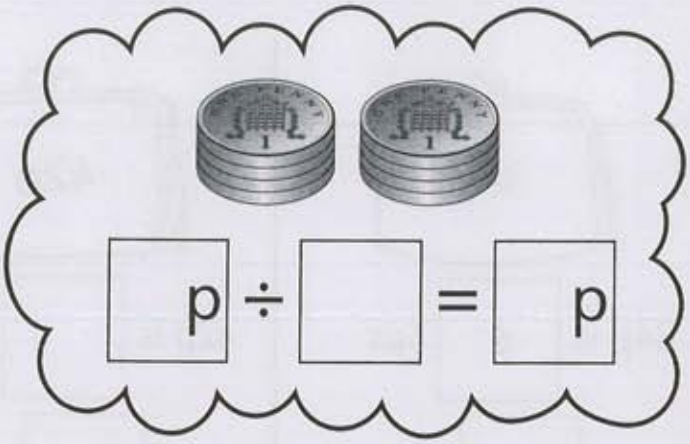
Write the missing numbers.

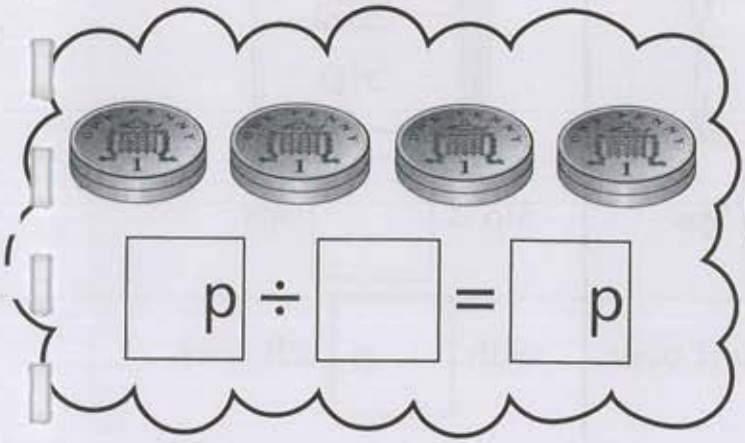
PS

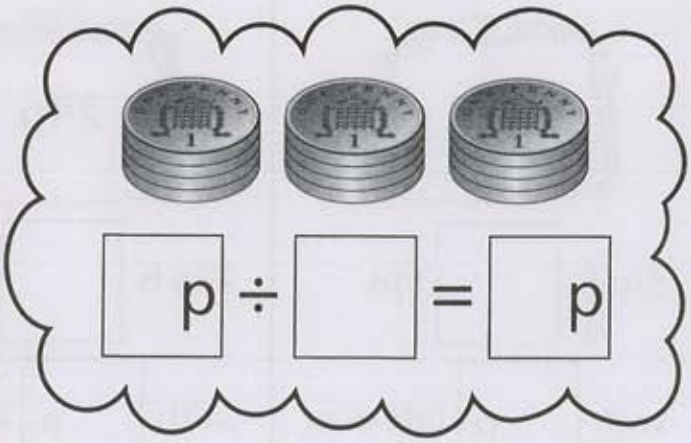
Name .....

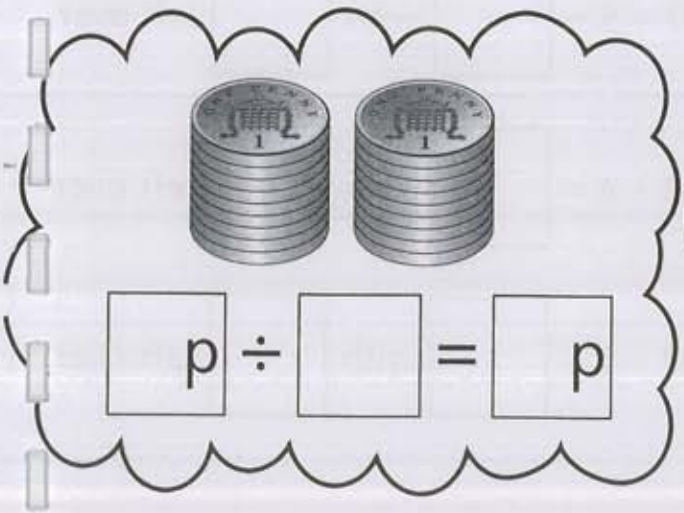
Dividing

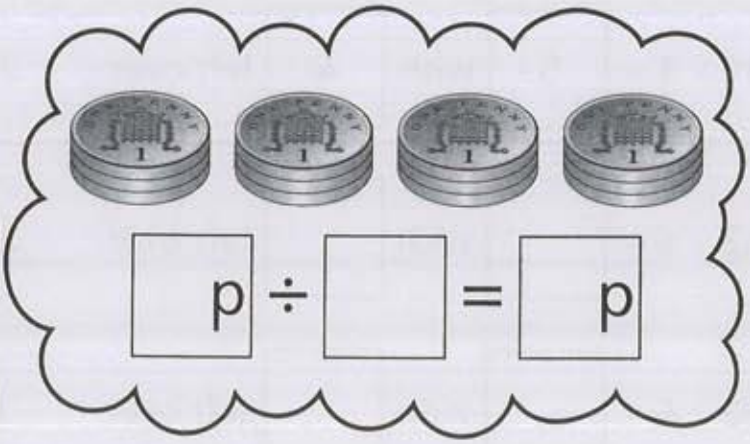












Write a division for each set of coins.

PS

 Name .....

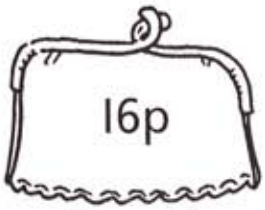
Dividing with remainders

34p is [6] 5ps

with [4p] left over

42p is [ ] 5ps

with [p] left over



16p is [ ] 5ps

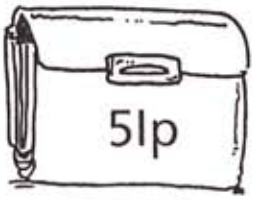
with [p] left over

37p is [ ] 5ps

with [p] left over

29p is [ ] 5ps

with [p] left over



51p is [ ] 5ps

with [p] left over

19 ÷ 3 = [5] with [4] left over

27 ÷ 5 = [ ] with [ ] left over

43 ÷ 6 = [ ] with [ ] left over

33 ÷ 4 = [ ] with [ ] left over

28 ÷ 6 = [ ] with [ ] left over

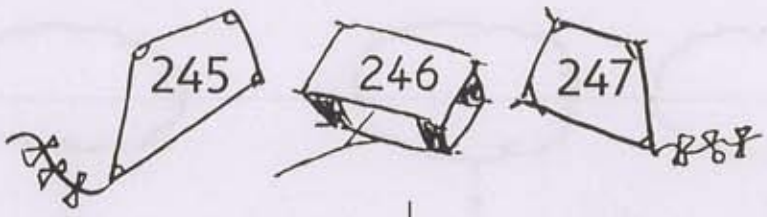
17 ÷ 2 = [ ] with [ ] left over

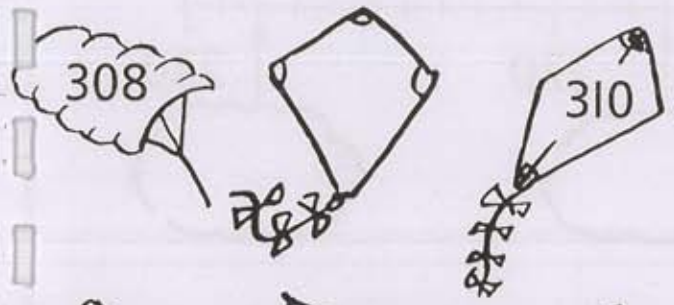
Write how many 5p coins there are in each purse.
Write how much is left in 1p coins.
Complete the divisions.

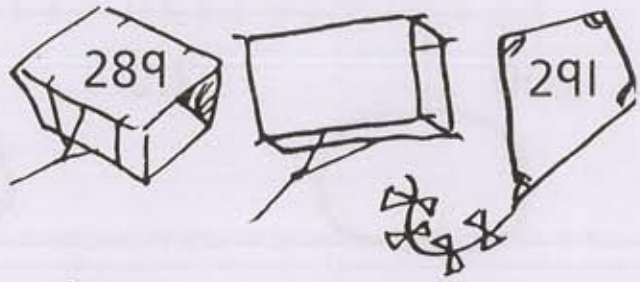
PS

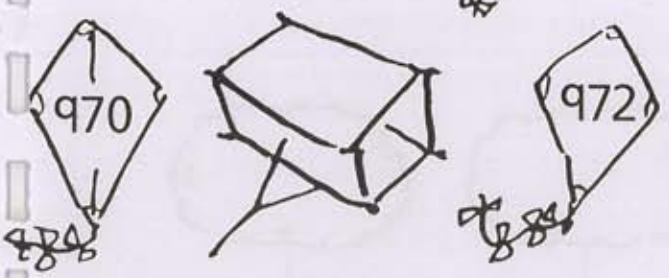
 Name .....

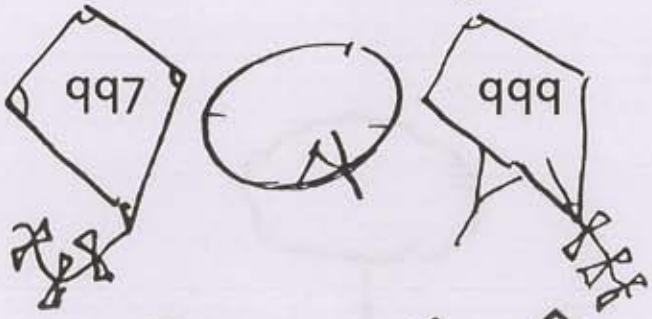
Hundreds, tens and units

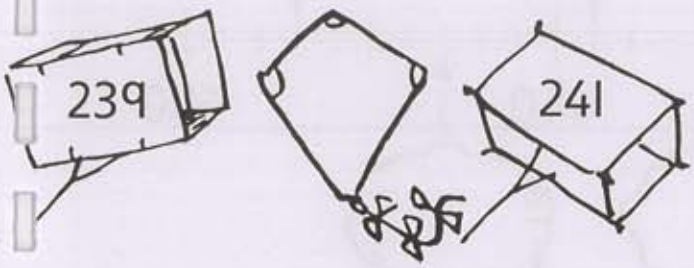


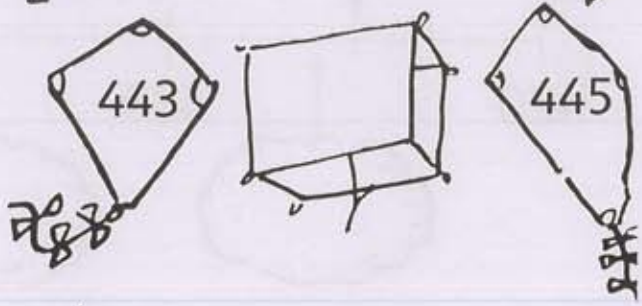


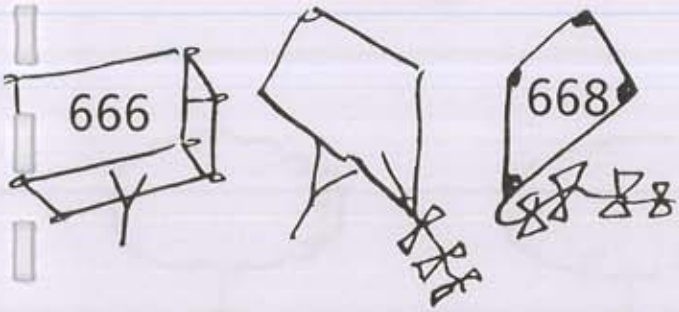


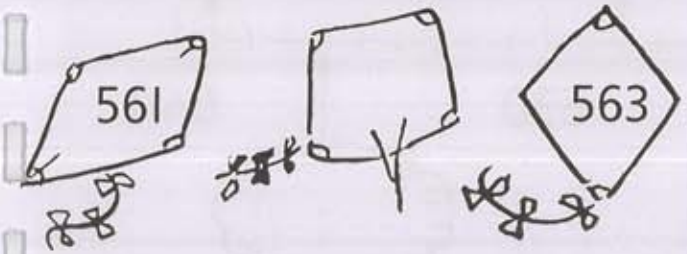


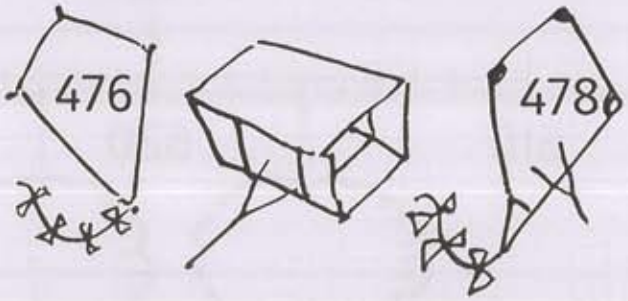










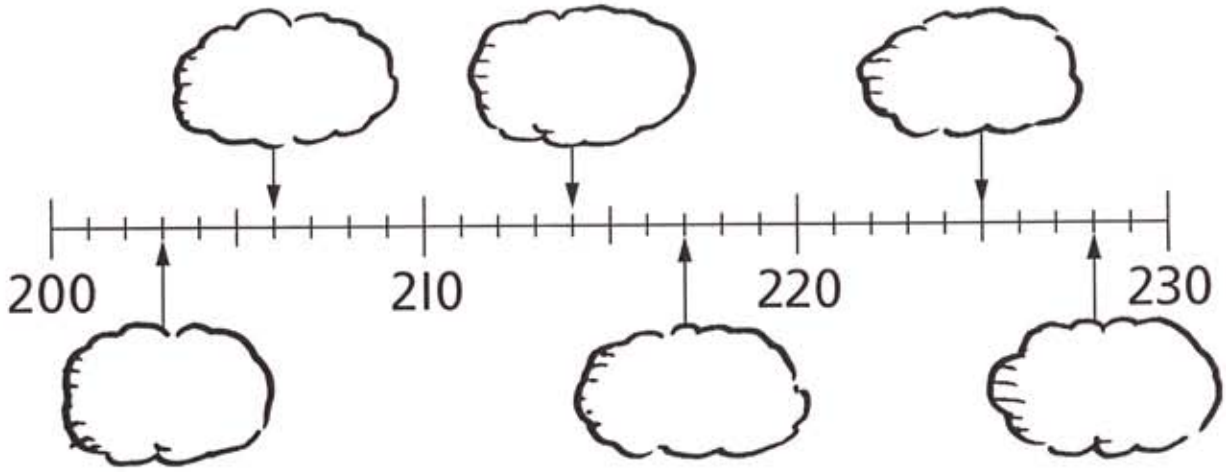


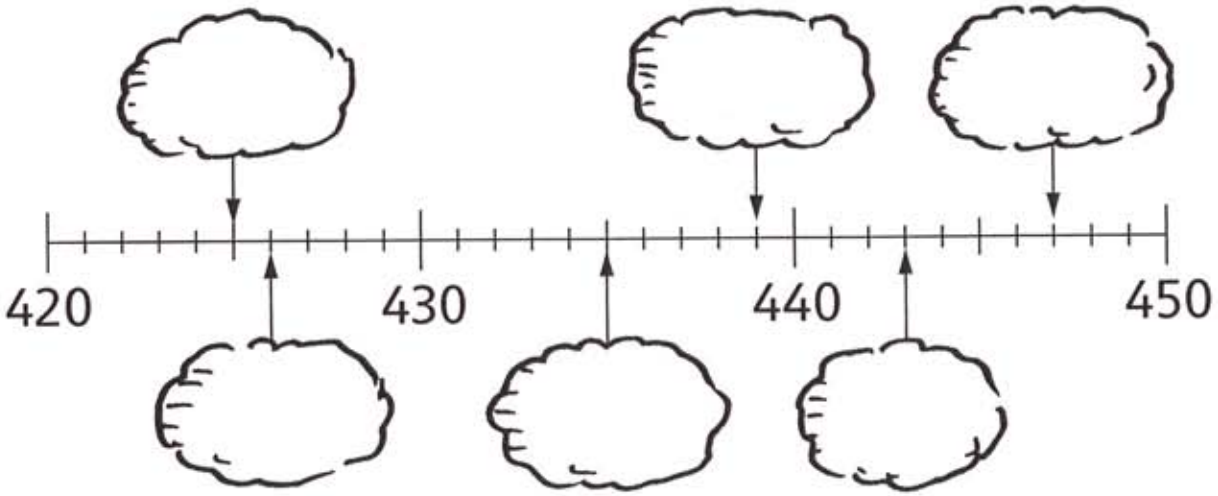
Write the missing numbers.

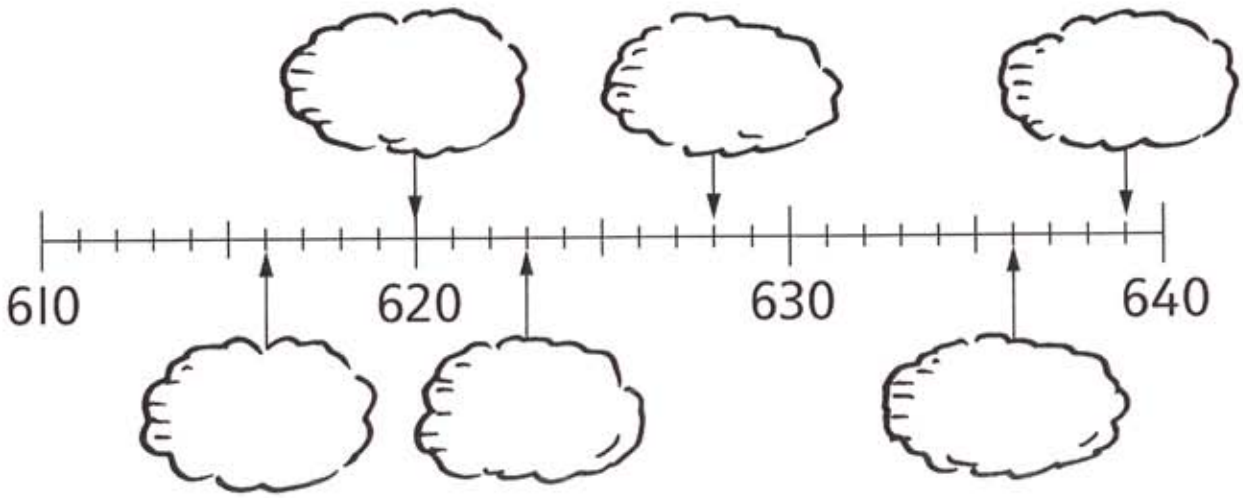
PS

Name .....

Numbers to 1000







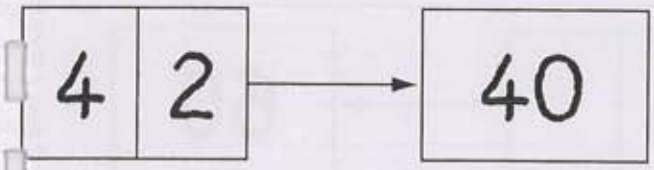
Write the number that each arrow points to.

PS

Name .....

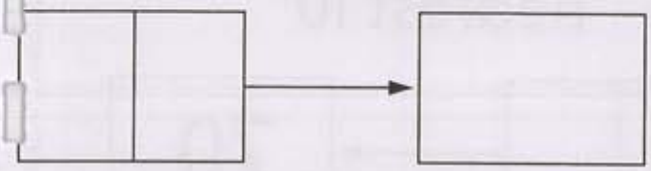
Nearest 10

nearest 10

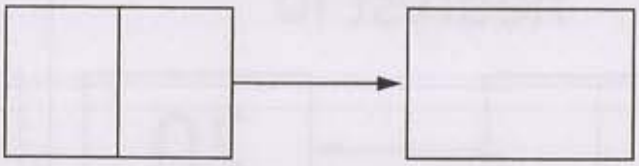


nearest 10

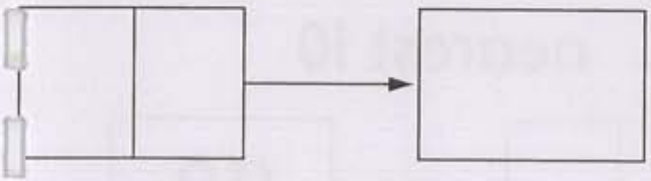
nearest 10



nearest 10

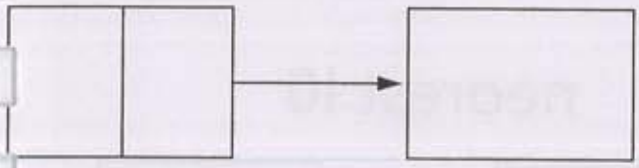


nearest 10



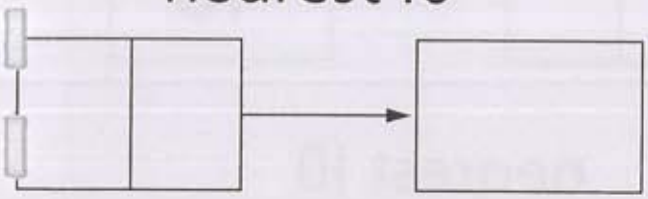
nearest 10

nearest 10

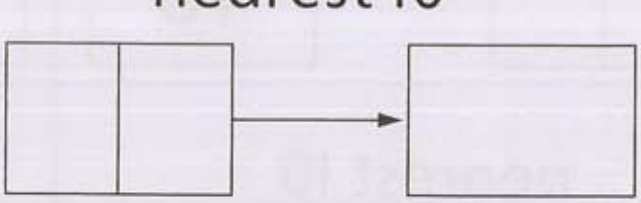


nearest 10

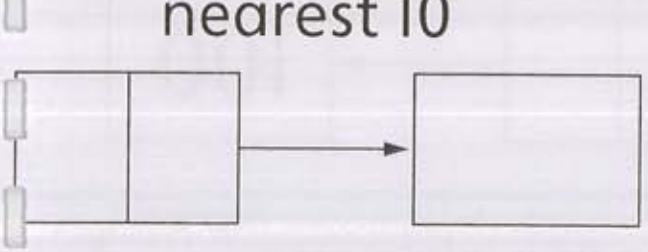
nearest 10



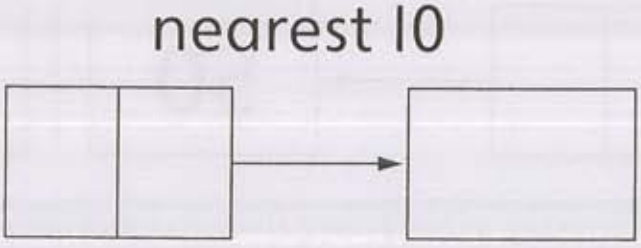
nearest 10



nearest 10



nearest 10



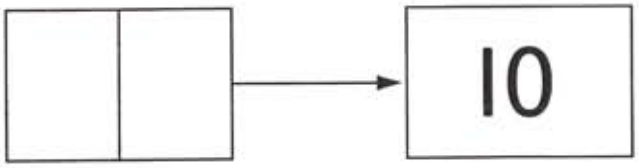
Use four cards numbered 4, 2, 8 and 7. Place any two cards together to make a 2-digit number. Make 12 different 2-digit numbers. Write them in the spaces. Write the nearest 10 to each.

PS

Name .....

Nearest 10

nearest 10



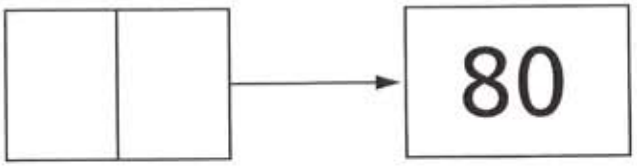
nearest 10

nearest 10

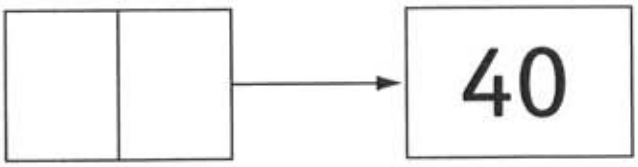
nearest 10

nearest 10

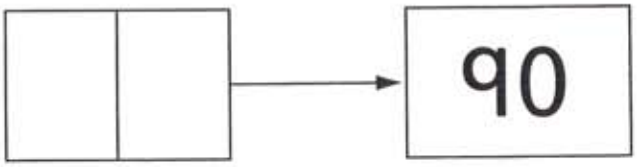
nearest 10



nearest 10



nearest 10



nearest 10

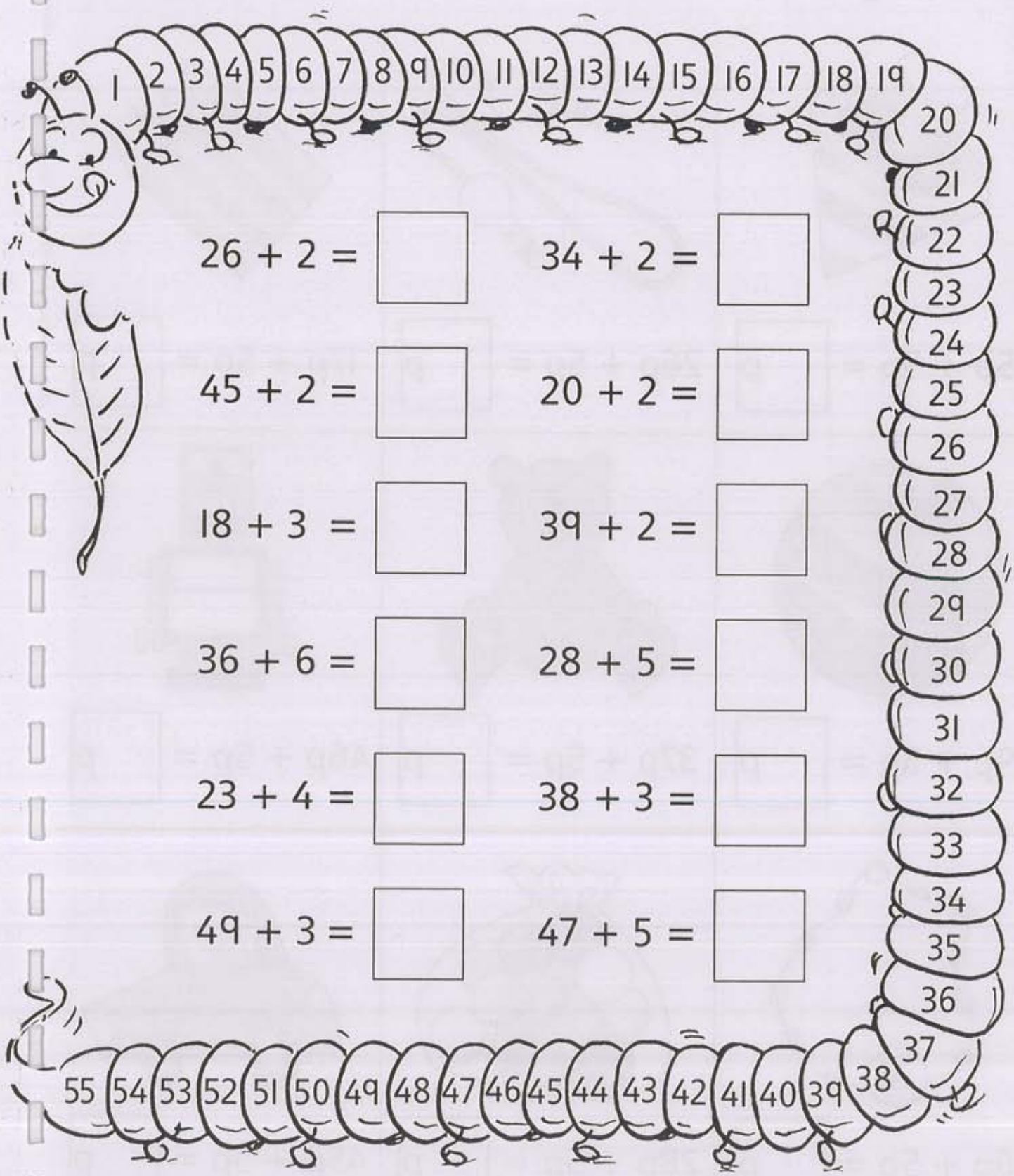
nearest 10

A game for two players, each with a different coloured pen. Shuffle a pack of playing cards (without 10s and picture cards) and place them face down in a pile. Take turns to pick up two cards and arrange them to make a 2-digit number. Write the number in a space next to its nearest 10. Continue taking turns until all the spaces have been filled. The winner is the one who has written the most numbers.

PS

 Name .....

Adding



26 + 2 = ☐	34 + 2 = ☐
45 + 2 = ☐	20 + 2 = ☐
18 + 3 = ☐	39 + 2 = ☐
36 + 6 = ☐	28 + 5 = ☐
23 + 4 = ☐	38 + 3 = ☐
49 + 3 = ☐	47 + 5 = ☐

Complete the additions. Use the number track to help you.

PS

 Name .....

Adding 5

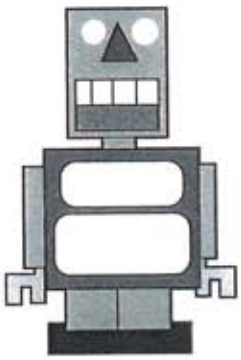
35p + 5p = ☐ p

26p + 5p = ☐ p

17p + 5p = ☐ p

29p + 5p = ☐ p

37p + 5p = ☐ p



46p + 5p = ☐ p

16p + 5p = ☐ p

28p + 5p = ☐ p

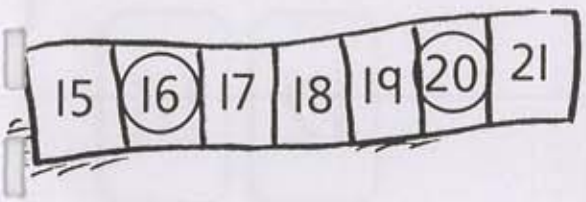
45p + 5p = ☐ p

Each item goes up by 5p. Write the new prices.

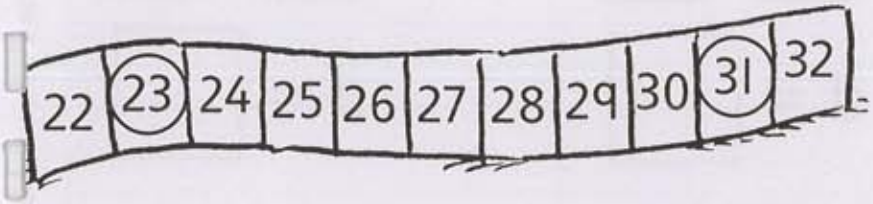
PS

Name .....

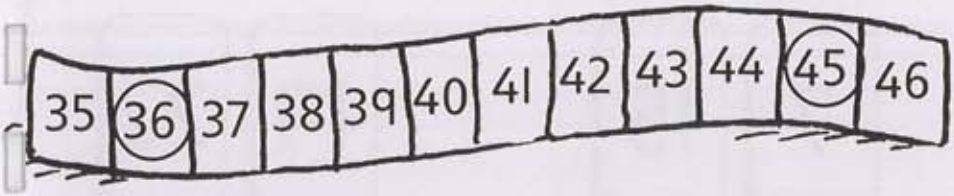
Differences



difference =



d =



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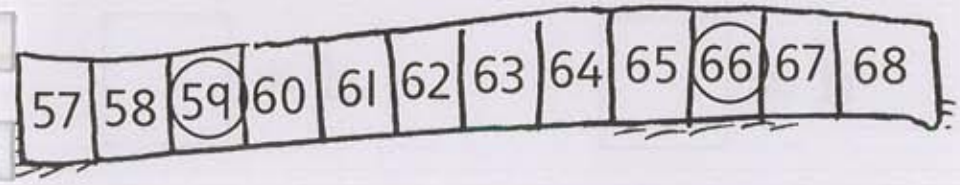
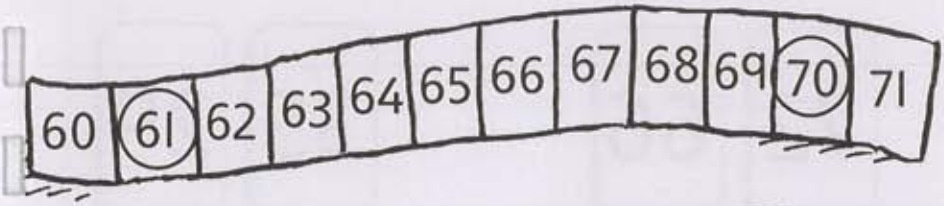


d =



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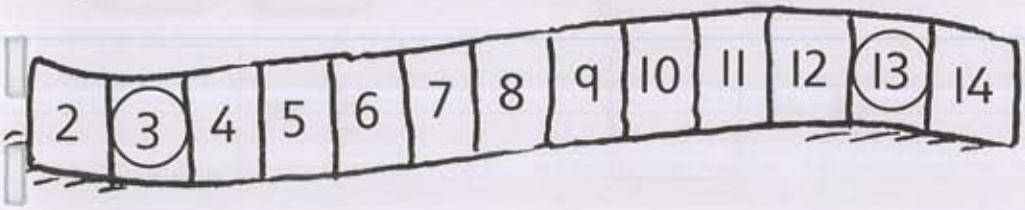
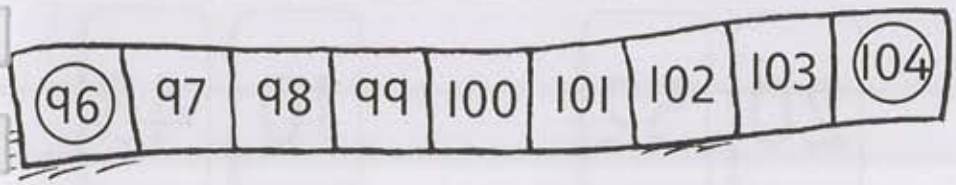
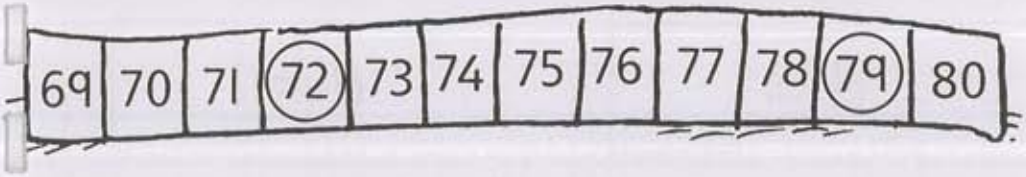


d =



d =



d =

Write the difference between each pair of ringed numbers.

PS

Name .....

Differences

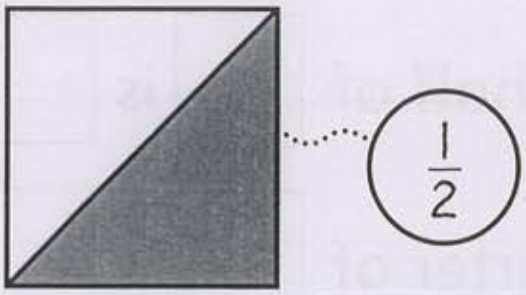
5 8	4 7	12 16
d = ☐	d = ☐	d = ☐
8 11	7 15	19 22
d = ☐	d = ☐	d = ☐
53 49	72 66	35 29
d = ☐	d = ☐	d = ☐
30 70	20 52	10 43
d = ☐	d = ☐	d = ☐

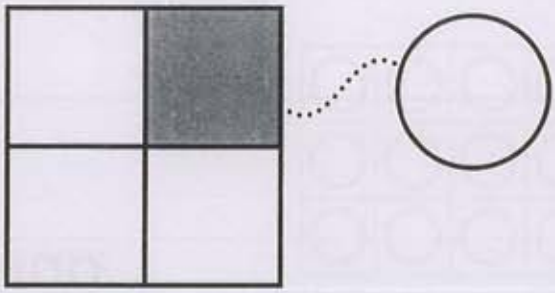
Write the difference between each pair.

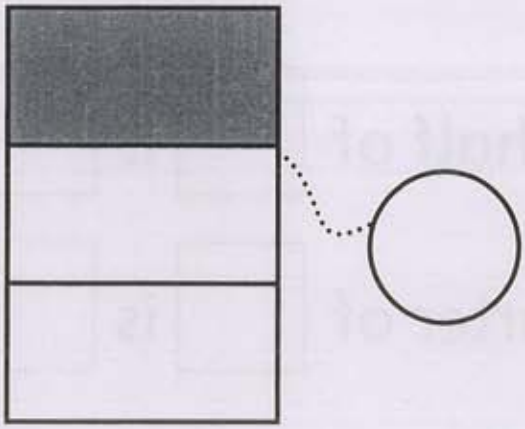
PS

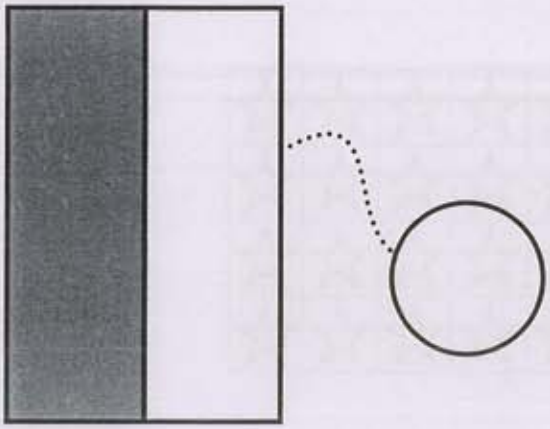
 Name .....

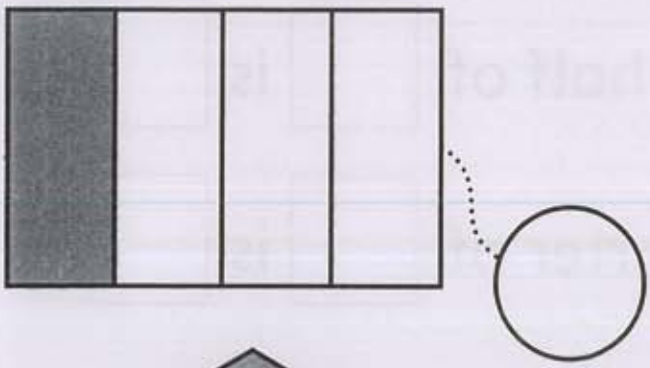
Fractions

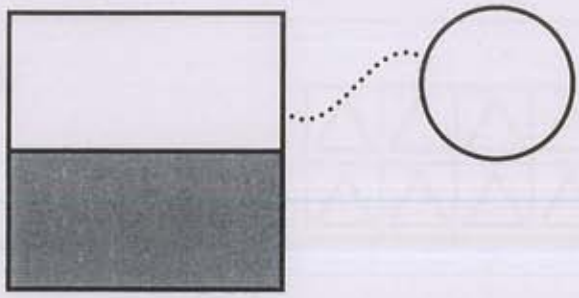


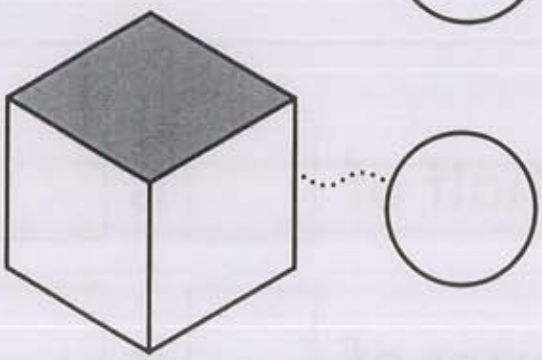


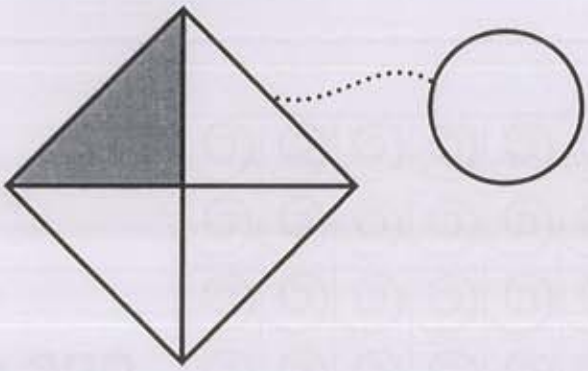










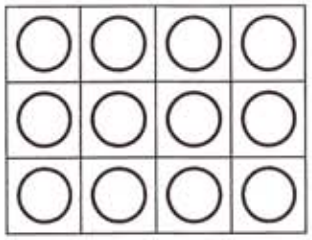


Write the fraction to match the shaded part of each shape.

PS

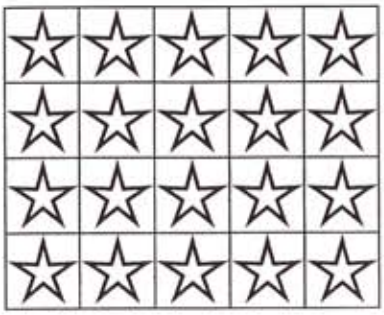
 Name .....

Halves and quarters



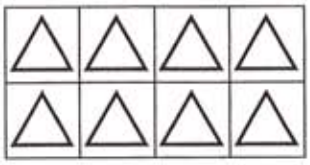
one half of ☐ is ☐

one quarter of ☐ is ☐



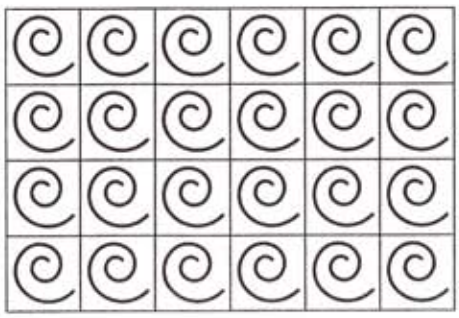
one half of ☐ is ☐

one quarter of ☐ is ☐



one half of ☐ is ☐

one quarter of ☐ is ☐



one half of ☐ is ☐

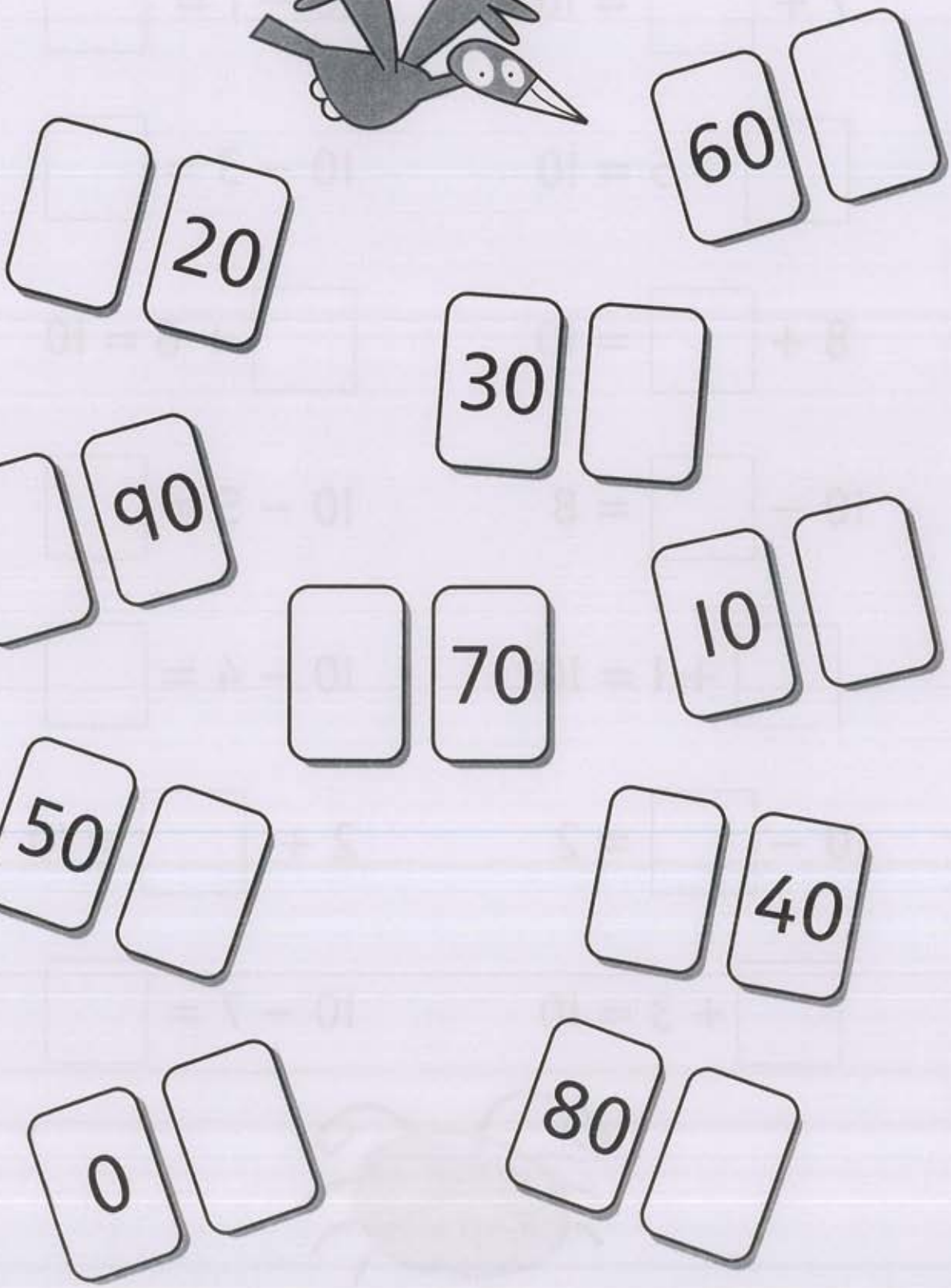
one quarter of ☐ is ☐

In each box, colour half the squares red and a quarter blue. Complete the sentences.

PS

Name .....

Pairs to 100



Write numbers on the blank cards to make each pair total 100.

PS

Name .....

Facts to 10

$7 + \square = 10$

$10 - 1 = \square$

$\square + 5 = 10$

$10 - 3 = \square$

$8 + \square = 10$

$\square + 6 = 10$

$10 - \square = 8$

$10 - 5 = \square$

$\square + 1 = 10$

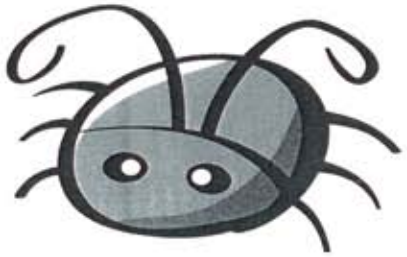
$10 - 4 = \square$

$10 - \square = 2$

$2 + \square = 10$

$\square + 3 = 10$

$10 - 7 = \square$



Write the missing numbers.

PS

Name .....

Next 10

11	12	(13)	14	15	16	17	18	19	20

13 + ☐ = 20

21	22	23	24	25	(26)	27	28	29	30

26 + ☐ = 30

41	42	43	44	45	46	47	(48)	49	50

48 + ☐ = 50

71	72	73	74	(75)	76	77	78	79	80

75 + ☐ = 80

31	(32)	33	34	35	36	37	38	39	40

32 + ☐ = 40

61	62	63	64	65	(66)	67	68	69	70

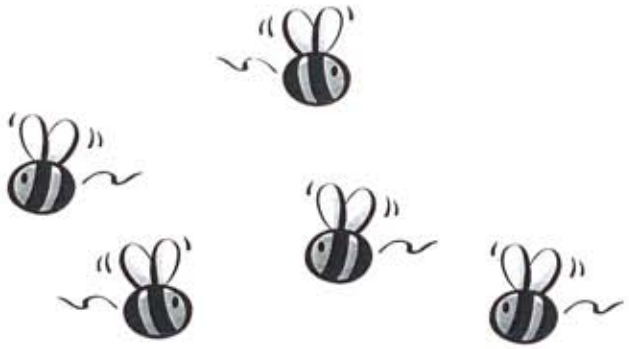
66 + ☐ = 70

Colour the spaces after the circled numbers to reach the next multiple of 10.
Write how many spaces are coloured.

PS

 Name .....

Pairs to 20



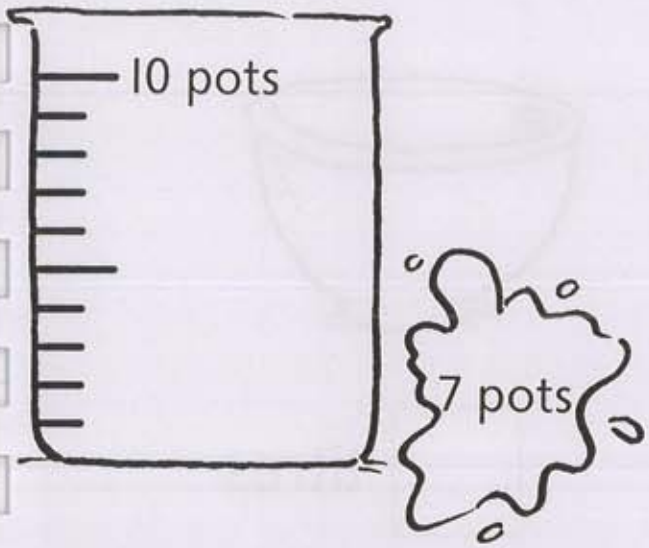
14	16	15	17	19
19	17	18	15	14
15	18	16	18	16
17	15	14	16	19
14	17	19	18	14

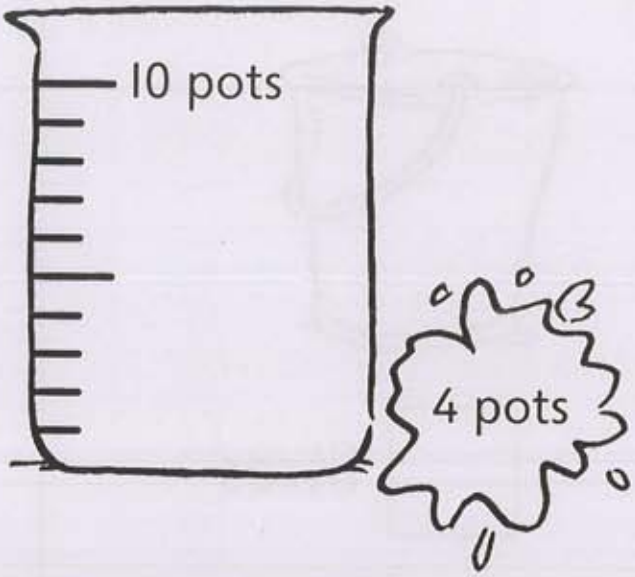
A game for two players, each with a set of counters. Take turns to roll a dice and place a counter on a number that makes 20 with the dice number. Only one counter is allowed on each square. If no correct square is available, miss a turn. The winner is the first with four counters in a straight line.

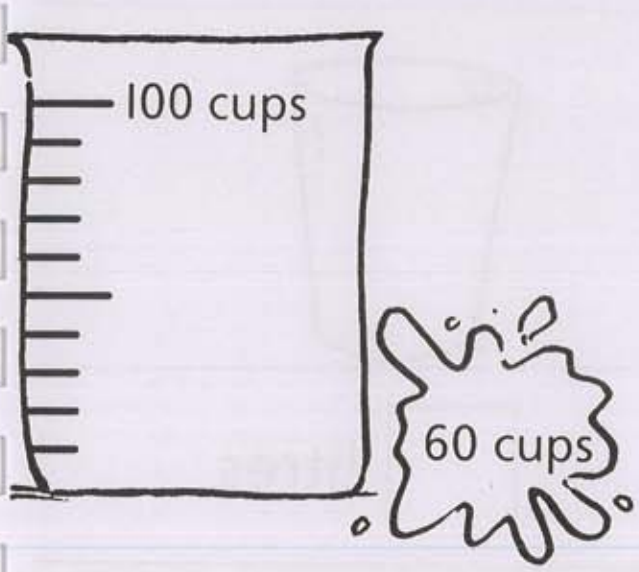
PS

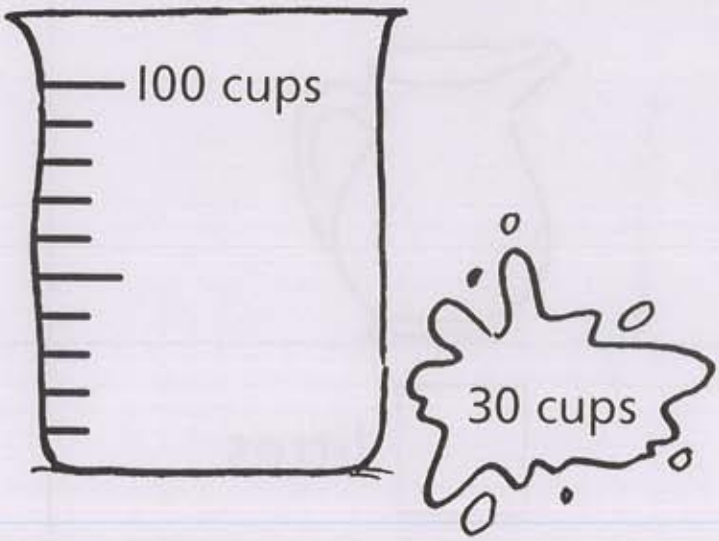
Name .....

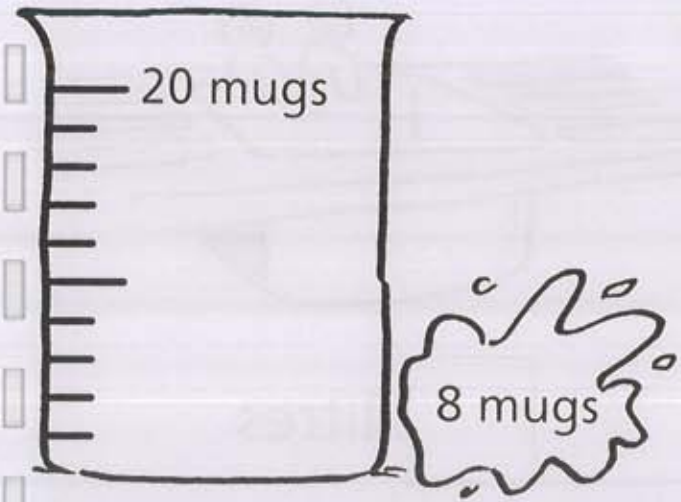
Measuring capacities

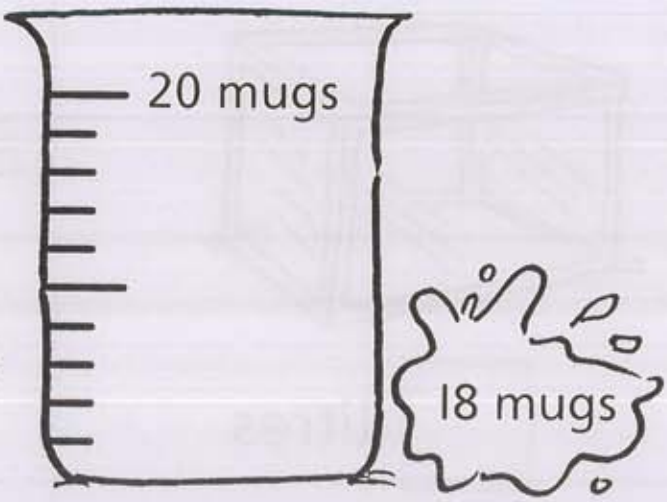












Draw a line to show how much liquid is in each container, and then colour up to the line.

PS

Name .....

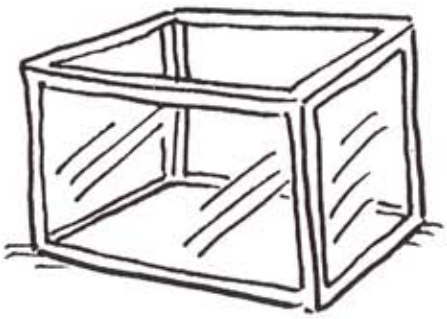
Litres

☐ litres

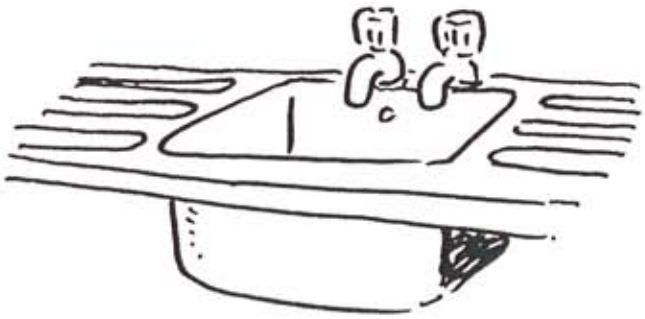
☐ litres

☐ litres

☐ litres



☐ litres



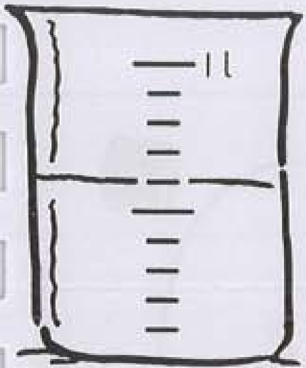
☐ litres

You need a 1-litre measure, and some water. Find one of each container in the pictures. Count how many litres you need to fill each container.

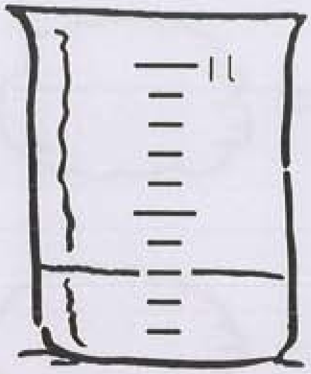
PS

 Name ....

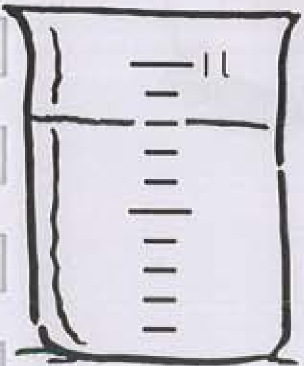
Millilitres



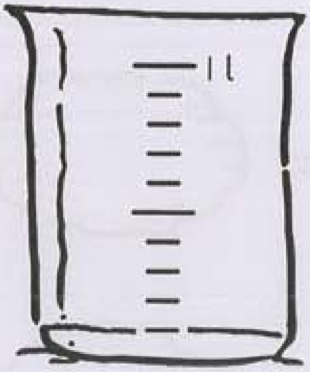
600 ml



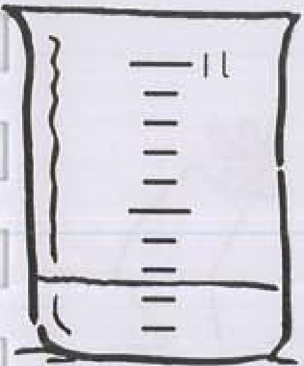
ml



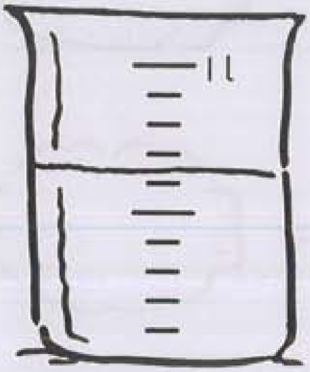
ml



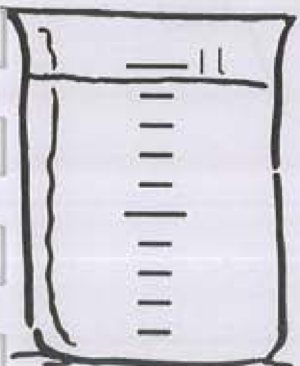
ml



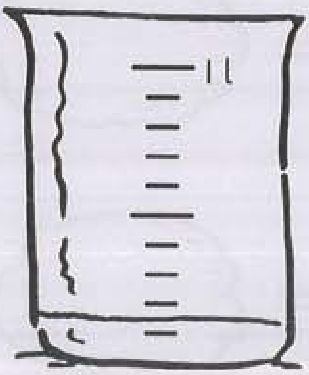
ml



ml



ml



ml

1 litre is the same as 1000 millilitres. Each mark up the measure shows a further 100 millilitres.
Write the amount of liquid in each measure.

PS

 Name .....

Adding and subtracting

200 + ☐ = ☁

400 + ☐ = ☁

500 + ☐ = ☁

300 − ☐ = ☁

100 − ☐ = ☁

600 + ☐ = ☁

700 − ☐ = ☁

Roll a dice and draw the spots on the blank dice. Do this seven times. Complete the additions and subtractions.

PS

 Name .....

Dividing with remainders

take away 5p

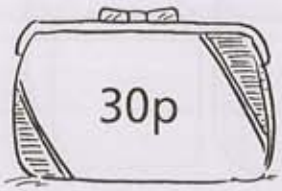
55 p is left

take away 2p

p is left

take away 4p

p is left



take away 6p

p is left

take away 7p

p is left

take away 9p

p is left

10 − 4 = 6

50 − 4 = 46

500 − 4 = 496

10 − 6 =

70 − 6 =

700 − 6 =

10 − 2 =

30 − 2 =

300 − 2 =

10 − 9 =

40 − 9 =

400 − 9 =

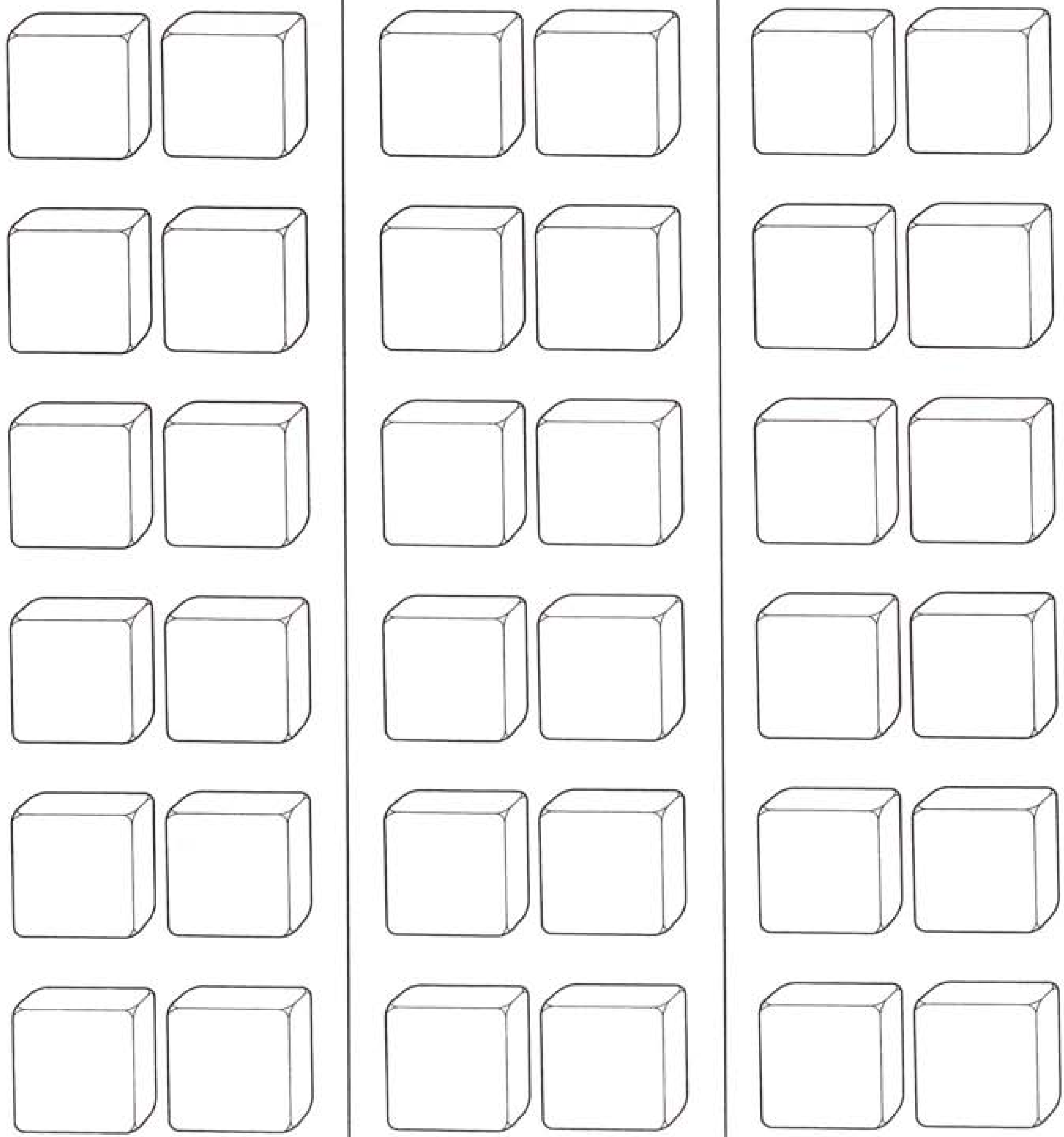
Write how much is left in each purse. Complete each set of three related subtractions.
If there is time, invent some subtractions using the same number of tens as units to be taken away.
For example, 40 − 4 or 30 − 3.

PS

 Name ....

Dice table

both odd	both even	one odd, one even

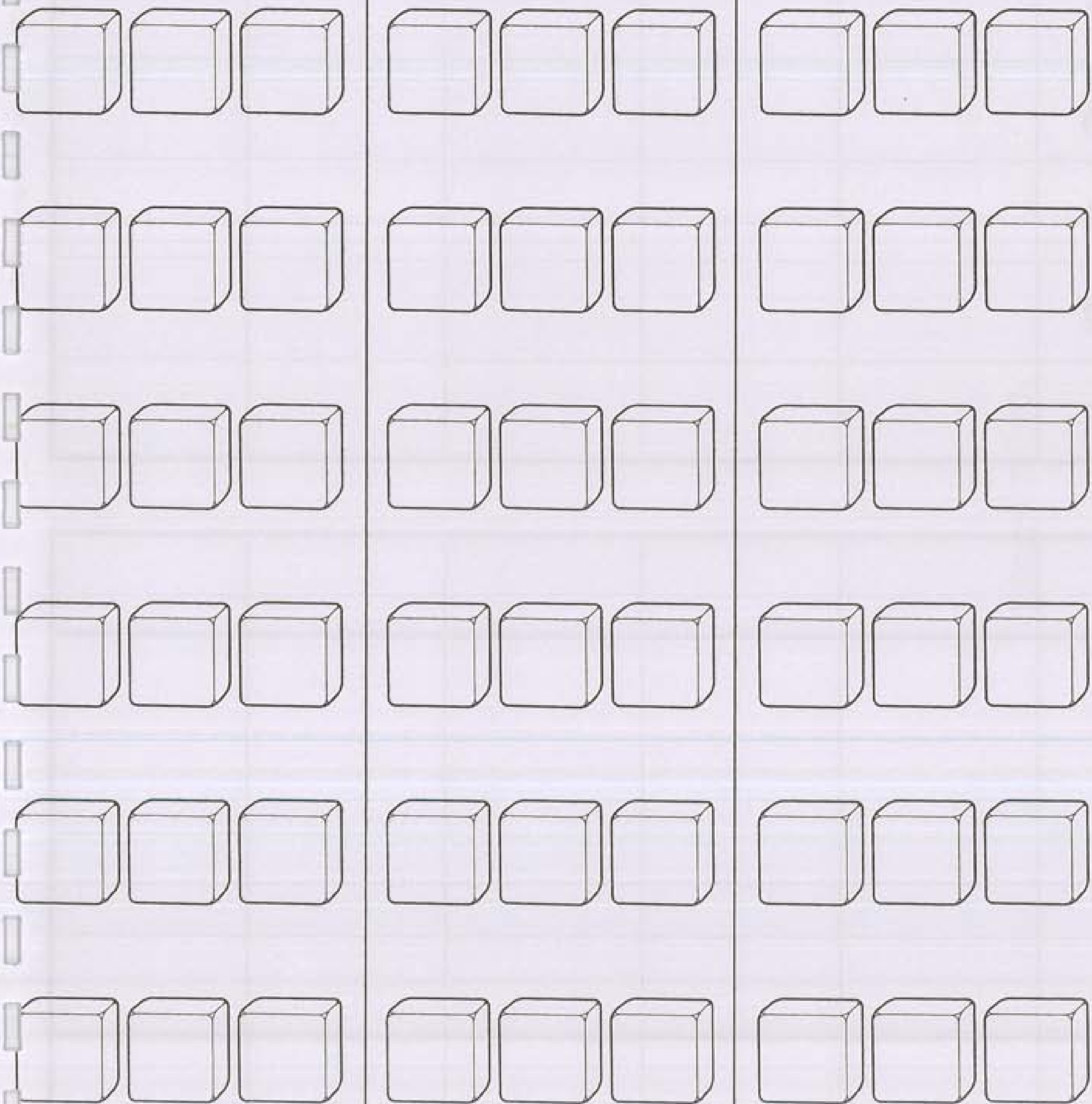


Roll two dice. Draw the spots on the blank dice in the correct column in the table. Repeat until one column is completed.

Name ....

Dice table

total less than 7	total 7, 8, 9 or 10	total more than 10



Roll three dice. Draw the spots on the blank dice in the correct column in the table. Repeat until one column is completed.

PS

 Name .....

Tables

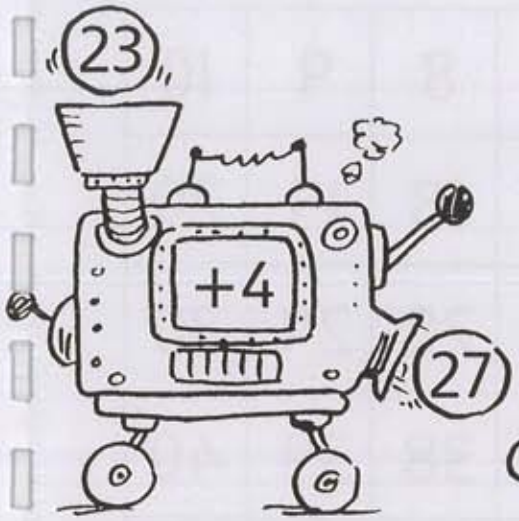
	is a double	has two digits	is odd	more than 11	less than 7
6					
14					
11					
12					
5					

Complete the first table with ticks and crosses.
Invent your own headings and numbers for the second table. Complete it.

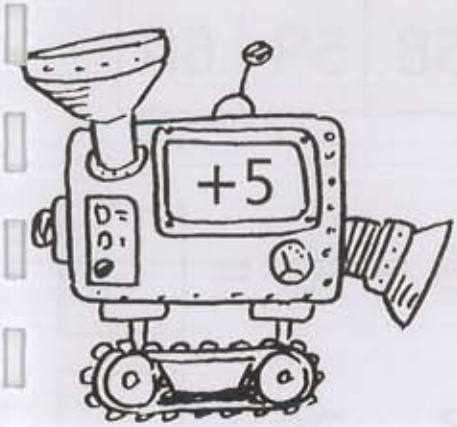
PS

 Name .....

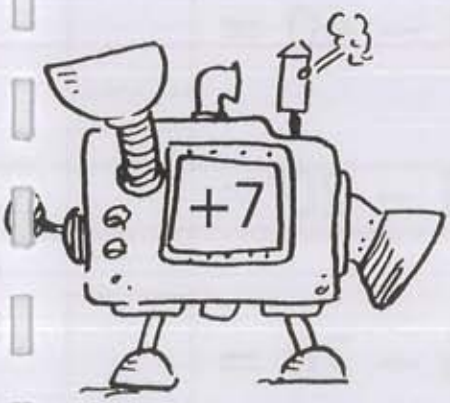
Adding machines



in	23	29	38	17	46	19
out	27					



in	37	26	18	45	59	26
out						



in	13	37	24	48	66	79
out						

Complete the tables for these adding machines.

PS

Name .....

Subtracting 10s

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60

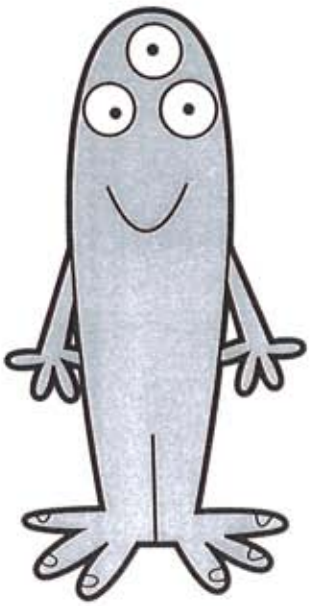
17 − 10 = ☐

35 − 30 = ☐

21 − 10 = ☐

42 − 30 = ☐

60 − 50 = ☐



28 − 10 = ☐

44 − 20 = ☐

53 − 40 = ☐

39 − 20 = ☐

56 − 20 = ☐

Use the grid to complete the subtractions.
Colour each answer on the grid.

PS

Name .....

Taking away

45 − 11 = ☐

94 − 11 = ☐

46 − 21 = ☐

39 − 21 = ☐

65 − 12 = ☐

48 − 12 = ☐

64 − 22 = ☐

85 − 22 = ☐

26 − 11 = ☐

29 − 11 = ☐

58 − 21 = ☐

73 − 21 = ☐

39 − 12 = ☐

17 − 12 = ☐

72 − 22 = ☐

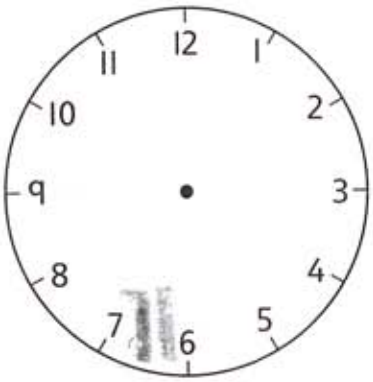
48 − 22 = ☐

Complete the subtractions.

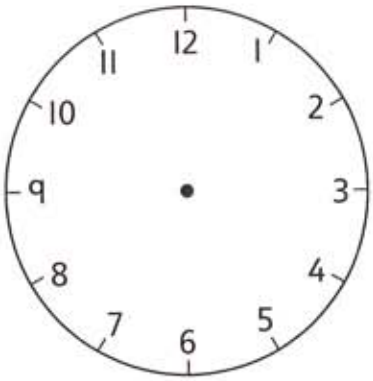
PS

Name .....

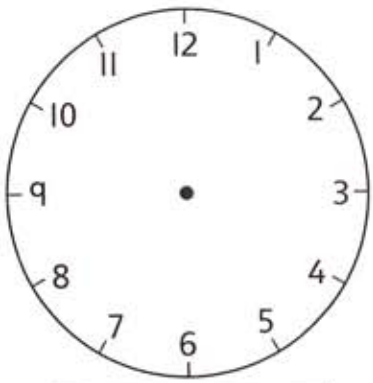
Minutes past the hour



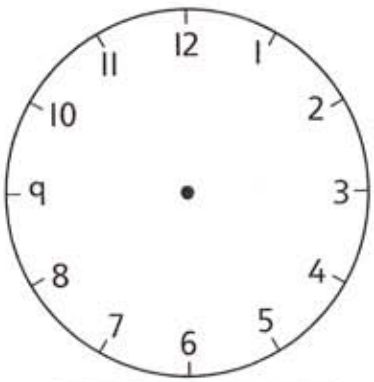
10



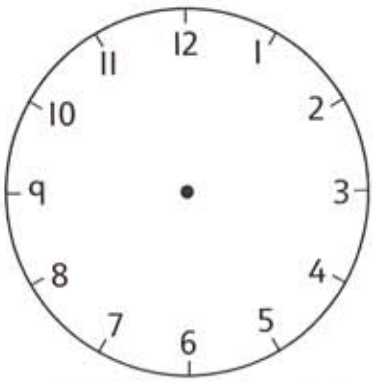
25



40



20



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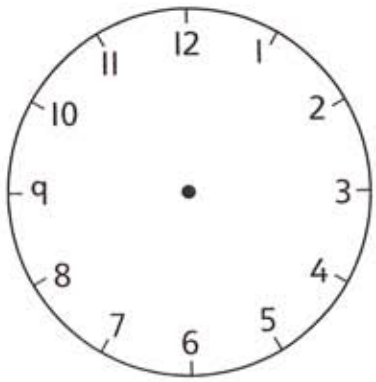

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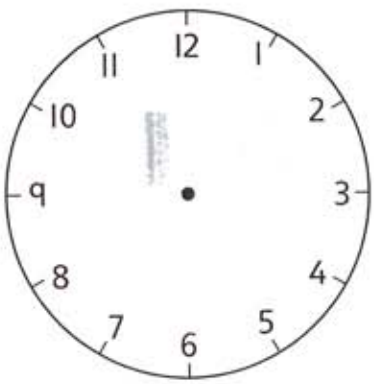

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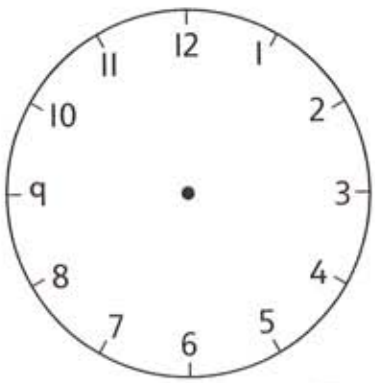

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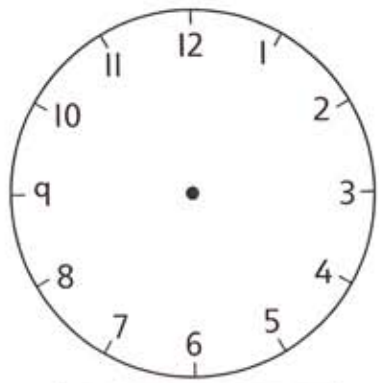


45

Draw the position of the big hand to show the number of minutes past the hour on each clock.

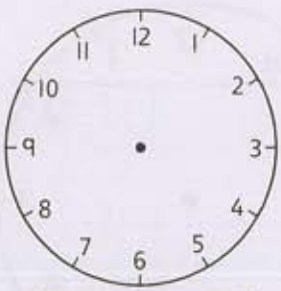
PS

Name .....

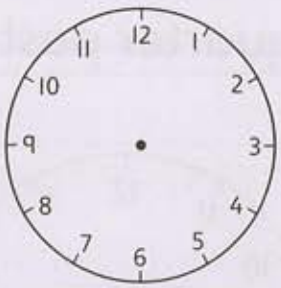
Quarter past, quarter to

3:15

7:15



2:45



5:45

4:15

3:45

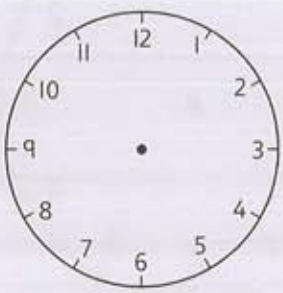
10:15

7:45

6:15

8:45

9:15



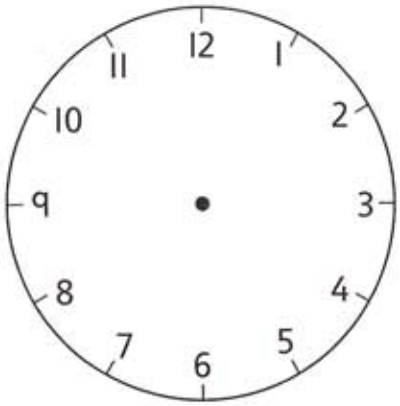
11:45

Draw the hands on each clock to match the time underneath.

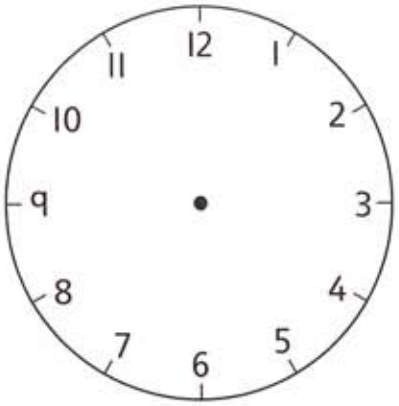
PS

 Name .....

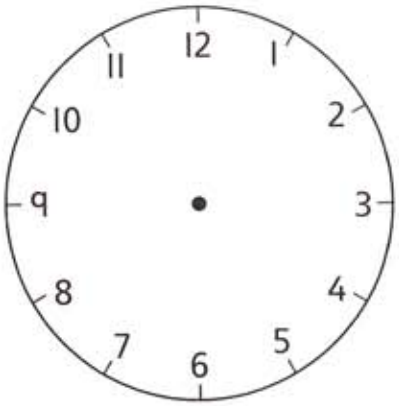
Clock times



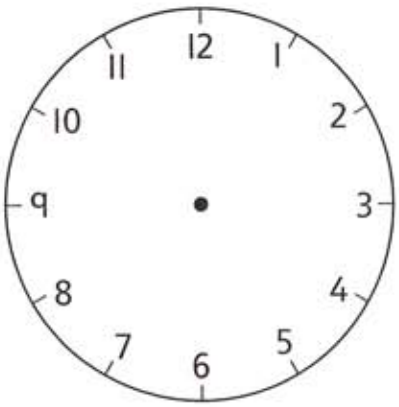
half past 7



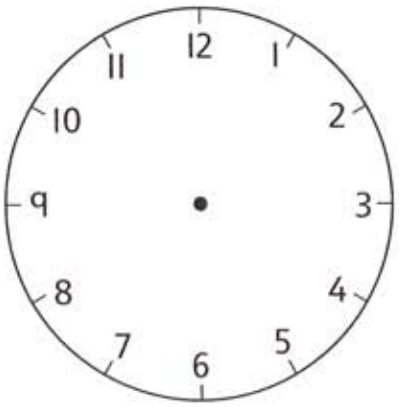
quarter past 8



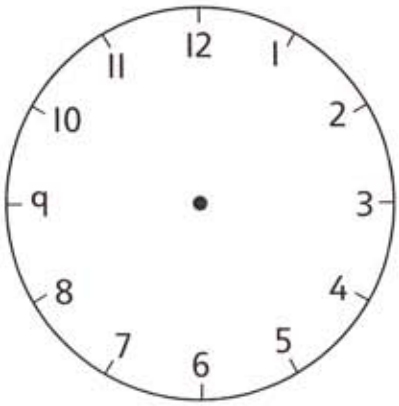
quarter past 11



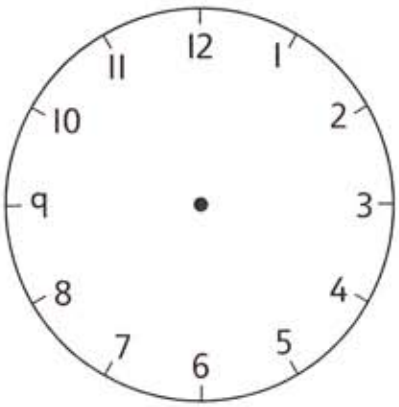
6 o'clock



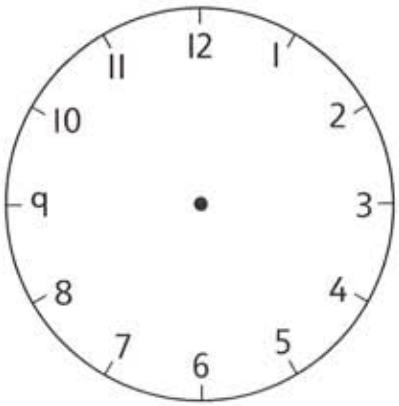
quarter past 5



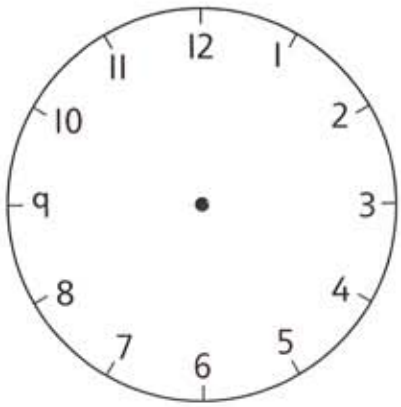
quarter to 4



quarter to 1



midnight



quarter past 3

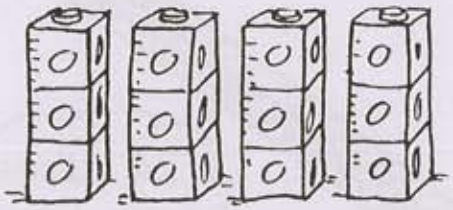
Draw the hands on each clock to show the time a quarter of an hour later than the time shown underneath.

PS

Name .....

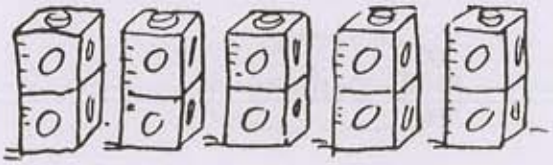
2s, 3s, 4s ...

4 towers of 3



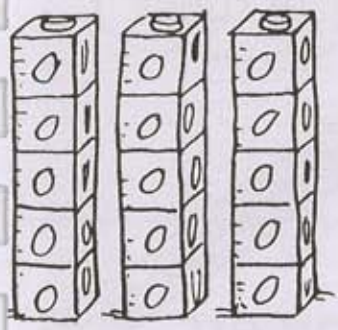
total ☐

5 towers of 2



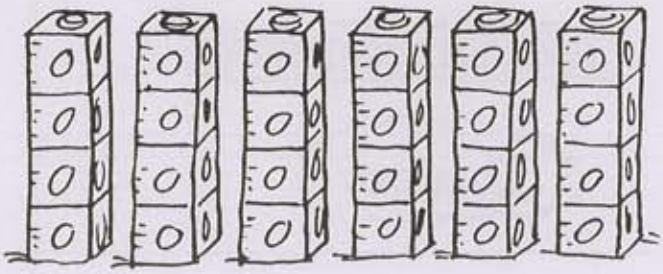
total ☐

3 towers of 5



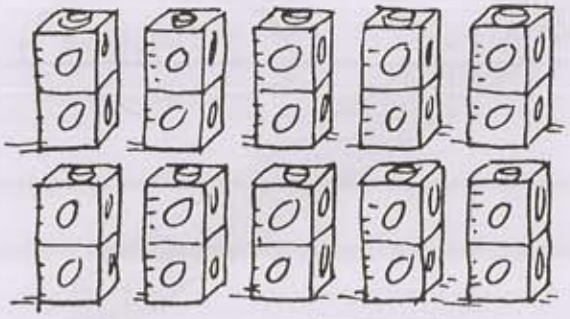
total ☐

6 towers of 4



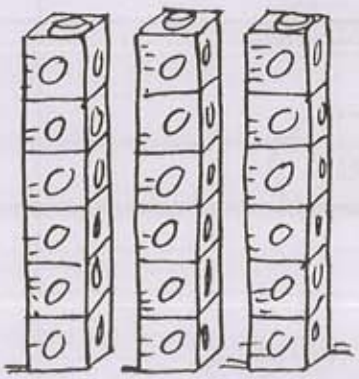
total ☐

10 towers of 2



total ☐

3 towers of 6



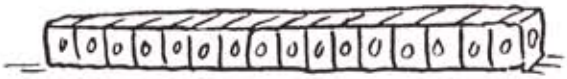
total ☐

Make towers to match the pictures. Write the totals.

PS

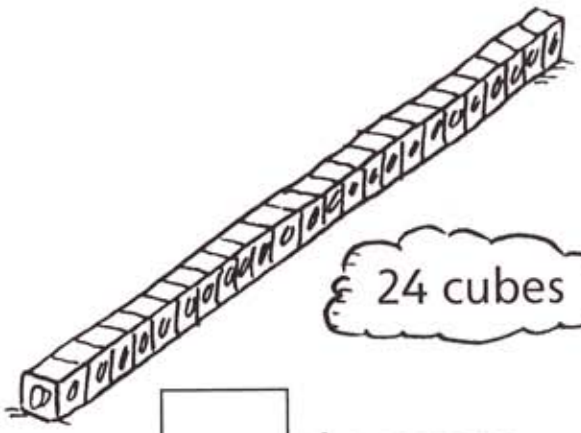
 Name .....

Dividing



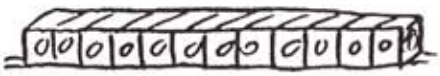
16 cubes

☐ towers



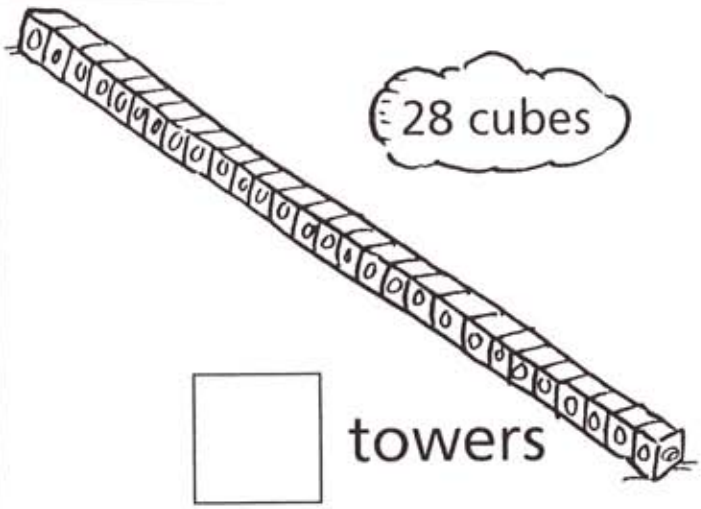
24 cubes

☐ towers



12 cubes

☐ towers

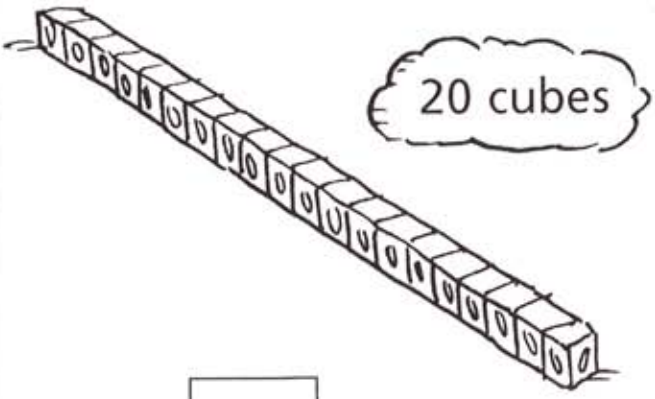


28 cubes

☐ towers

8 cubes

☐ towers



20 cubes

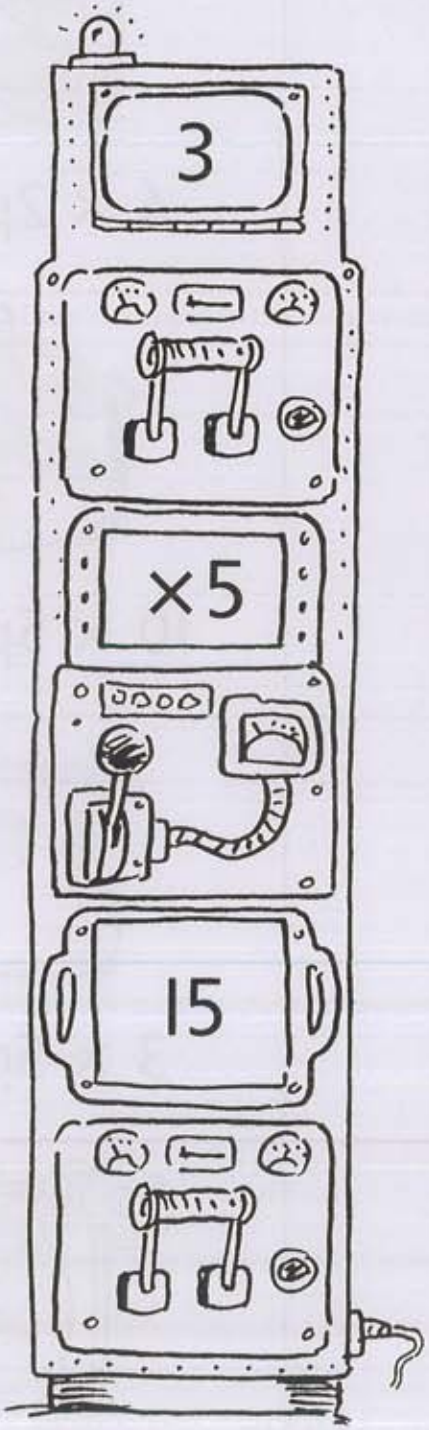
☐ towers

Use cubes to make the strips. Split each strip into towers of 4.
Write how many towers in each strip.

PS

 Name .....

5s and 10s



☐ × 5 = 15	☐ × 10 = 20
☐ × 5 = 30	☐ × 10 = 50
☐ × 5 = 25	☐ × 10 = 90
☐ × 5 = 5	☐ × 10 = 10
☐ × 5 = 45	☐ × 10 = 70
☐ × 5 = 0	☐ × 10 = 100
☐ × 5 = 35	☐ × 10 = 40
☐ × 5 = 50	☐ × 10 = 80
☐ × 5 = 10	☐ × 10 = 30
☐ × 5 = 20	☐ × 10 = 0
☐ × 5 = 40	☐ × 10 = 60

Write the missing numbers.

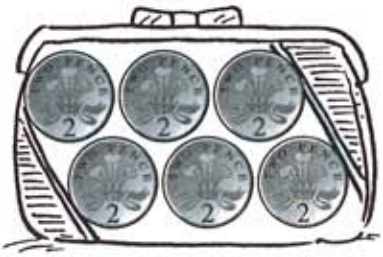
PS

Name .....

2s, 5s and 10s

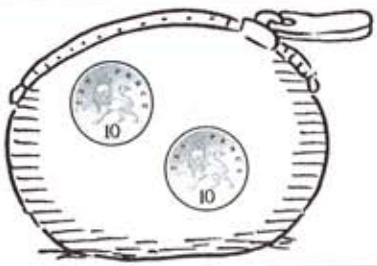
$3 \times 2p =$ ☐ p

$4 \times 2p =$ ☐ p

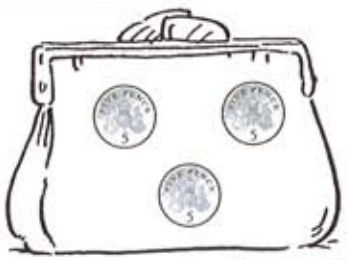


$6 \times 2p =$ ☐ p

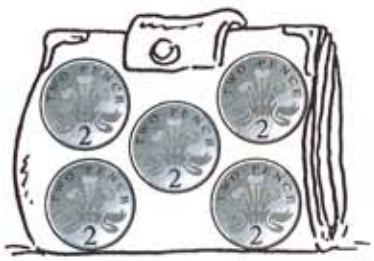
$10 \times 5p =$ ☐ p



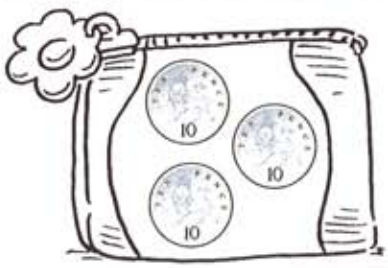
$2 \times 10p =$ ☐ p



$3 \times 5p =$ ☐ p



$5 \times 2p =$ ☐ p



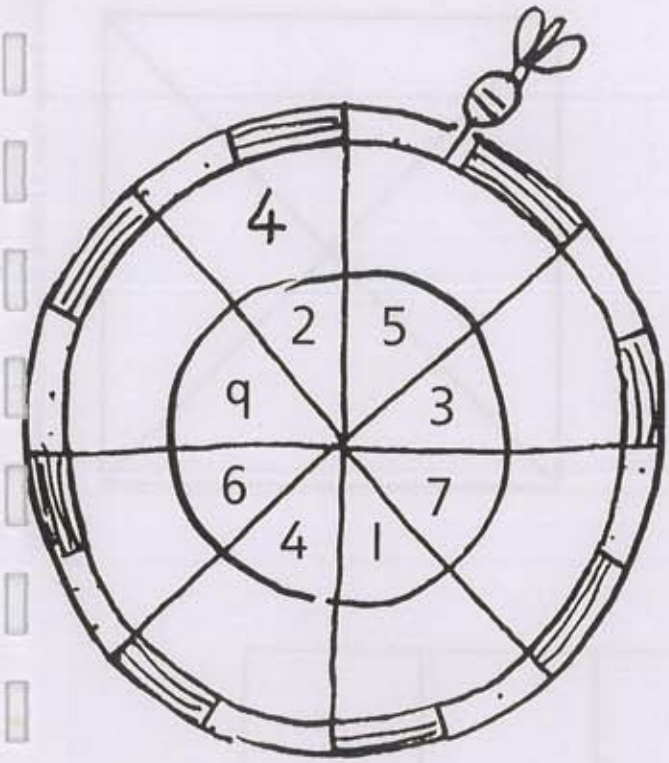
$3 \times 10p =$ ☐ p

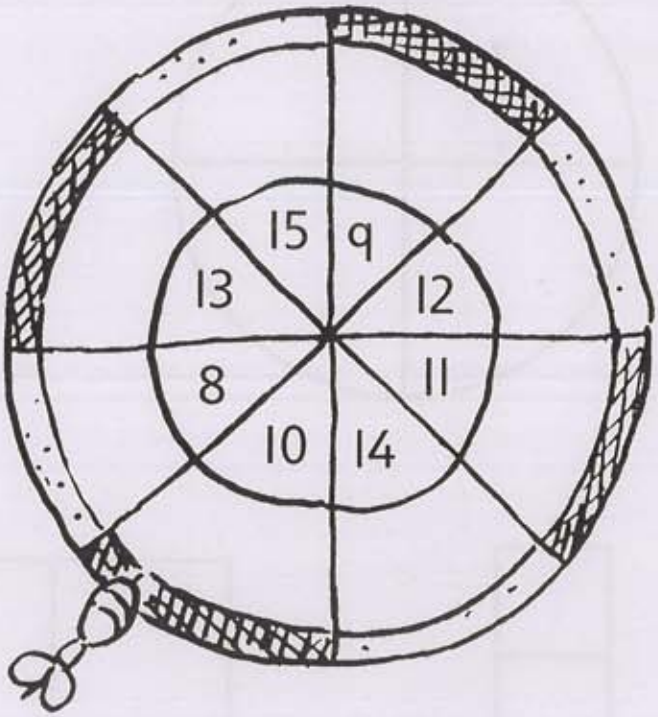
Write how much in each purse.

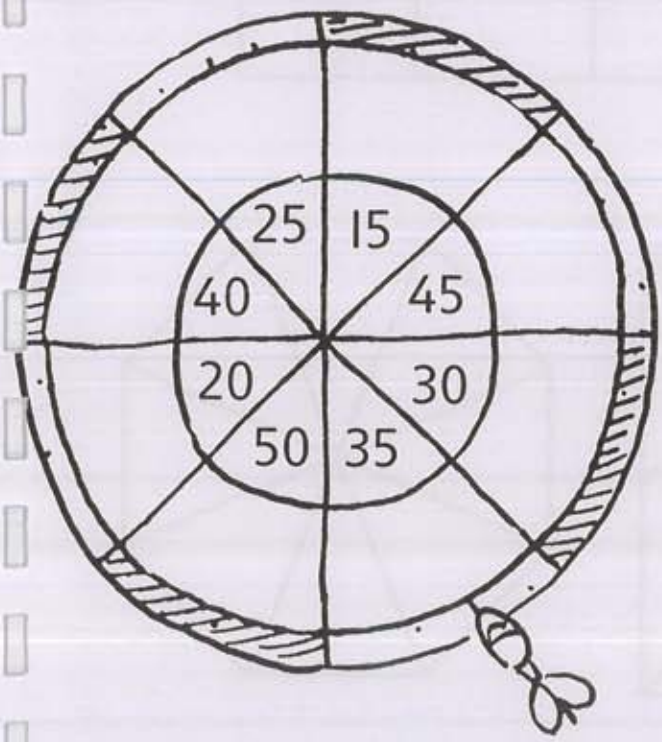
PS

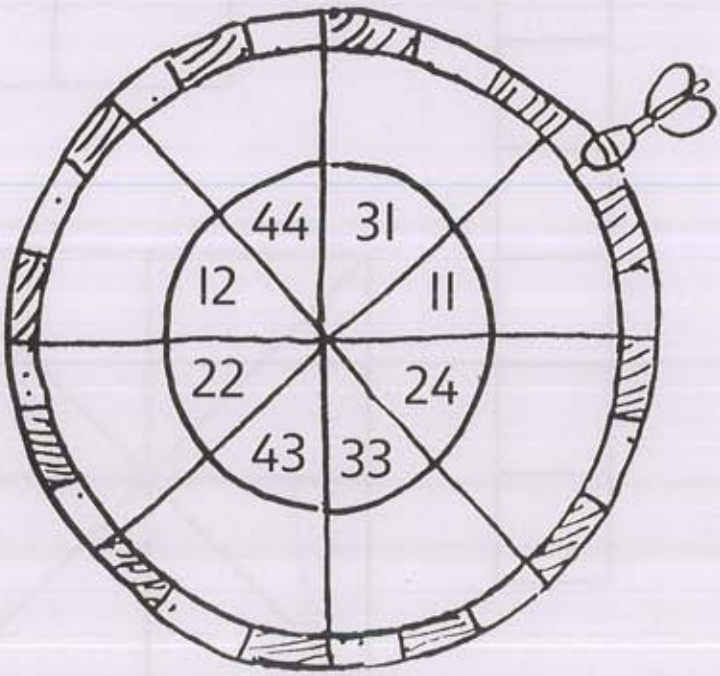
Name .....

Doubling







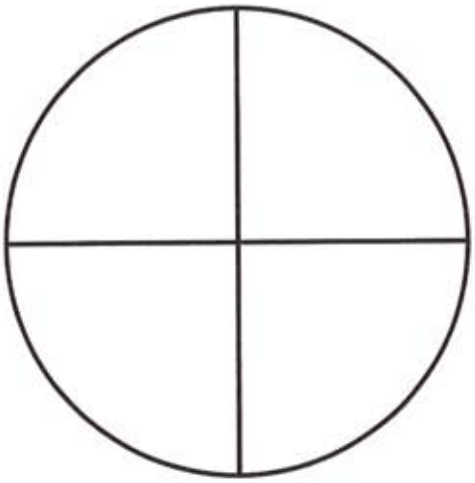


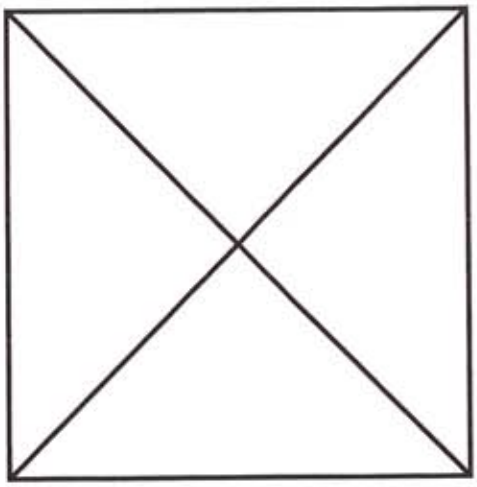
Write the double of each number.

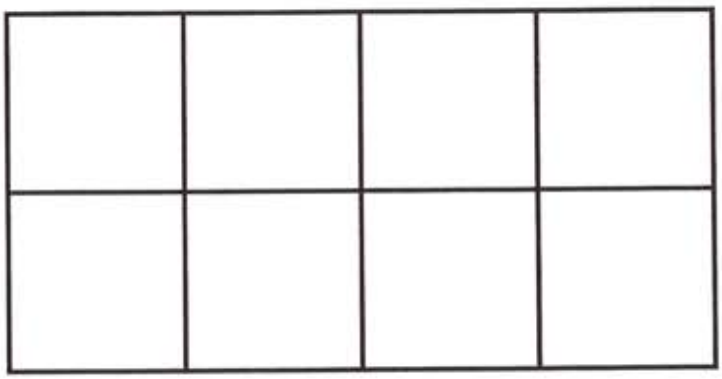
PS

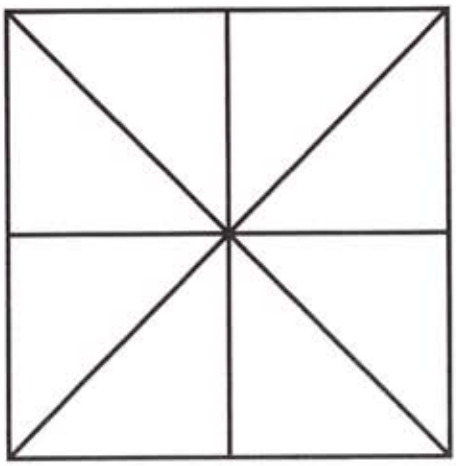
 Name .....

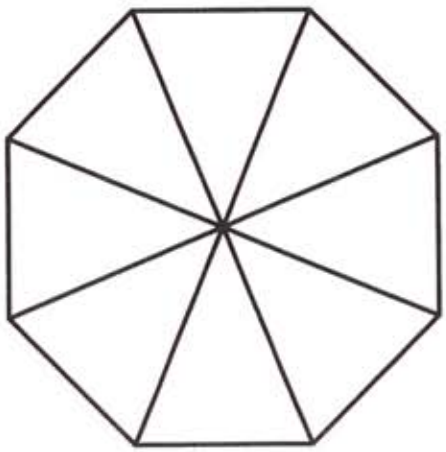
Halves and quarters











For each shape, colour one half red and two quarters blue.

PS