



Slaley First School

Year Two Maths

Home Learning

Please Check with your child's
Teacher as to which page(s) you
will be required to complete

SECTION A

$1 \quad 2 + 8 = \square$

$2 \quad 10 - 5 = \square$

$3 \quad 7 + 1 = \square$

$4 \quad 6 - 4 = \square$

SECTION B

$1 \quad 10 - 2 = \square$

$2 \quad 7 - \square = 2$

$3 \quad 8 = 5 + \square$

$4 \quad \square + 2 = 6$

SECTION C

$1 \quad \square = 5 + 2 + 2$

$2 \quad 3 + 2 + 3 = \square$

$3 \quad 1 + \square + 2 = 4$

$4 \quad 3 + 6 + \square = 10$

SECTION A

1 $70 - 30 = \square$

2 $20 + 60 = \square$

3 $100 - 40 = \square$

4 $0 + 70 = \square$

SECTION B

1 $\square = 90 - 90$

2 $60 + \square = 100$

3 $20 + \square = 50$

4 $\square - 10 = 30$

SECTION C

1 $60 + 10 + 20 = \square$

2 $40 + 10 + \square = 70$

3 $22 + 8 + 17 = \square$

4 $15 + \square + 25 = 70$

SECTION A

1 $1 + 3 =$

2 $4 + 6 =$

3 $21 + 5 =$

4 $7 + 42 =$

SECTION B

1 $24 + 7 =$

2 $8 + 58 =$

3 $= 76 + 6$

4 $35 + 9 =$

SECTION C

1 $= 98 + 3$

2 $32 + 7 + 3 =$

3 $6 + 5 + 12 =$

4 $91 + 4 + 8 =$

SECTION A

1 $14 + 43$

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2 $41 + 36$

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3 $43 + 44$

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SECTION B

1 $42 + 19$

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2 $38 + 81$

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3 $62 + 53$

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SECTION C

1 $77 + 94$

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2 $62 + 79$

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3 $86 + 35$

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SECTION A

1 $86 - 24$

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2 $99 - 74$

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3 $46 - 21$

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SECTION B

1 $62 - 33$

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2 $74 - 57$

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3 $84 - 69$

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SECTION C

1 $84 - 17$

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2 $81 - 26$

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3 $91 - 16$

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SECTION A

1 $5 + \square = 9$

2 $\square - 3 = 5$

3 $\square - 2 = 43$

4 $\square + 10 = 56$

SECTION B

1 $\square - 8 = 23$

2 $32 = 28 + \square$

3 $56 + \square = 83$

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4 $\square - 34 = 82$

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SECTION C

1 $88 = 24 + \square$

2 $523 - \square = 518$

3 $\square + 35 = 92$

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4 $94 = \square - 37$

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SECTION A

1 $10 \times 2 = \square$

2 $22 \div 2 = \square$

3 $\square = 14 \div 2$

4 $\square = 2 \times 3$

SECTION B

1 $24 \div \square = 2$

2 $\square \div 8 = 2$

3 $2 \times \square = 18$

4 $12 = \square \times 2$

SECTION C

1 $\square = 2 \times 15$

2 $36 \div 2 = \square$

3 $74 \times 2 = \square$

4 $2 \times 1 \times 2 = \square$

SECTION A

1 = 2×1

2 $18 \div 2 =$

3 $2 \times 5 =$

4 = $6 \div 2$

SECTION B

1 $11 =$ $\div 2$

2 $2 \times$ = 16

3 $\times 2 = 14$

4 $\div 6 = 2$

SECTION C

1 = 33×2

2 = $88 \div 2$

3 $\div 2 = 62$

4 $2 \times 2 \times 2 =$

SECTION A

1 $6 \div 2 =$

2 $4 \times 2 =$

3 $10 \times 5 =$

4 $10 \div 5 =$

SECTION B

1 $\div 5 = 4$

2 $8 \times$ $= 16$

3 $10 \times$ $= 80$

4 $9 =$ $\div 2$

SECTION C

1 $950 \div 10 =$

2 $19 \times 2 =$

3 $5 \times 12 \times 2 =$

4 $= 12 \times 2 \times 10$

SECTION A

1 $\frac{1}{2}$ of 6 =

2 $\frac{2}{4}$ of 20 =

SECTION B

1 $\frac{1}{4}$ of 8 =

2 $\frac{1}{2}$ of 28 =

3 $\frac{1}{3}$ of 36 =

4 $\frac{1}{2}$ of 42 =

SECTION C

1 $\frac{1}{5}$ of 20 =

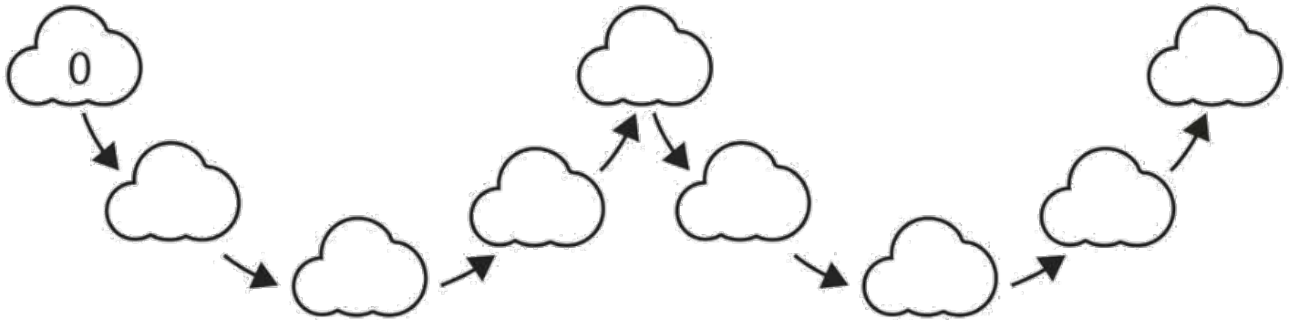
2 $\frac{1}{10}$ of 30 =

3 $\frac{3}{4}$ of 8 =

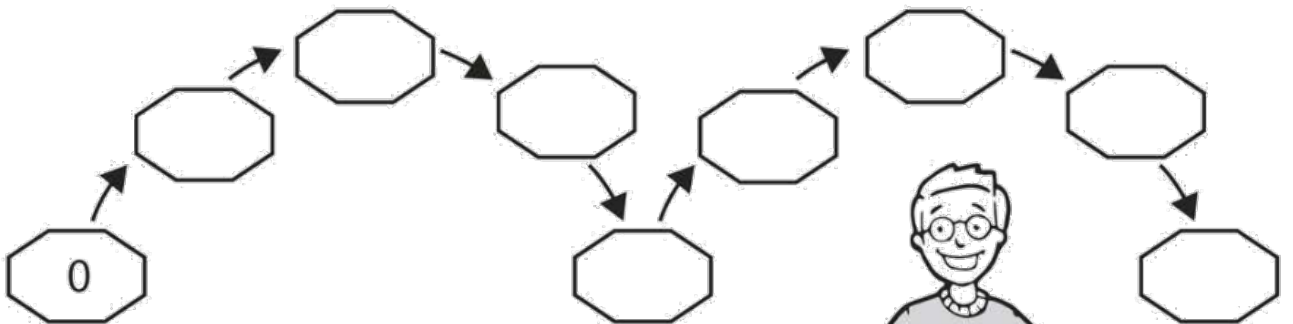
4 $\frac{2}{5}$ of 20 =

Count in steps of 2, 3 and 5 from zero, forward and backward

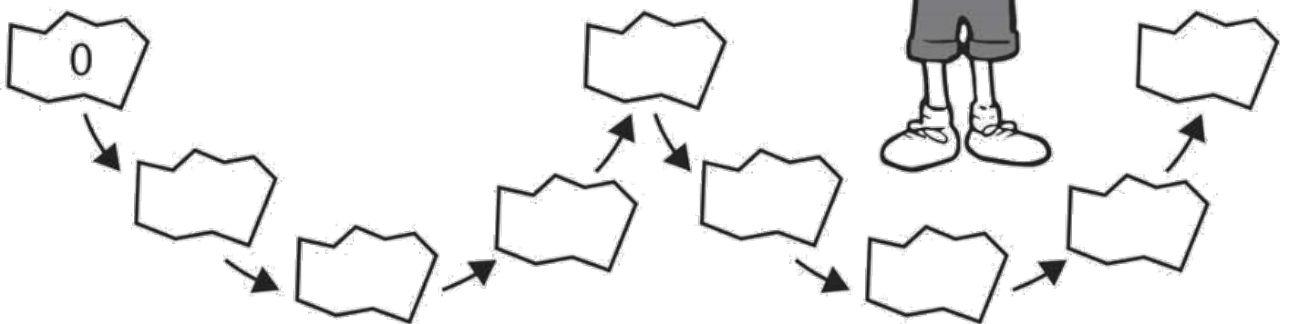
1 Count in **twos**. Write a number in each shape.



2 Now count in **3s**.



3 Count in **5s**.



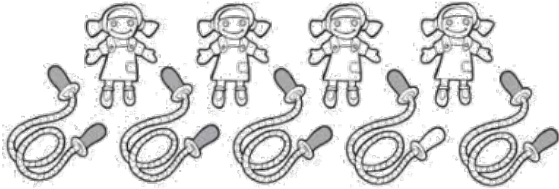
4 Complete the sequences, by filling in the missing numbers.

- a 50 48 42
- b 27 21 18
- c 100 90 85

Solve problems with addition using pictorial representations, including those involving numbers, quantities and measures

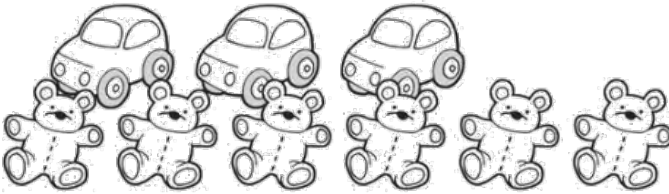
1 How many toys are there? Write the calculation to find the answer.

EXAMPLE:



$$4 + 5 = 9$$

a



.....

b



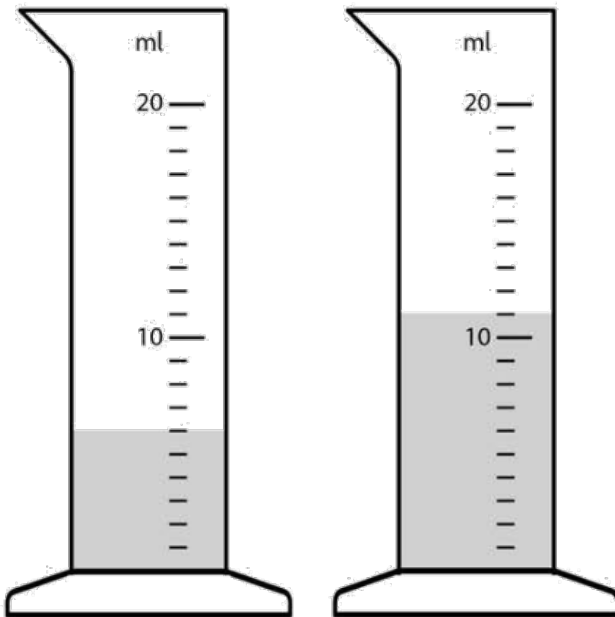
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c



.....

2



container A

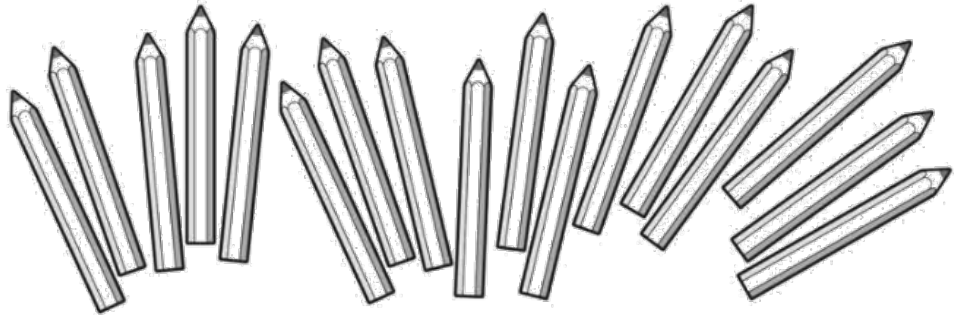
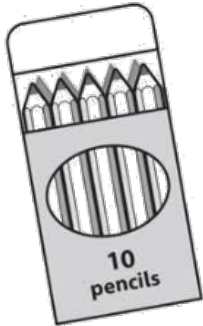
container B

How much water is in container **A** and **B** altogether?

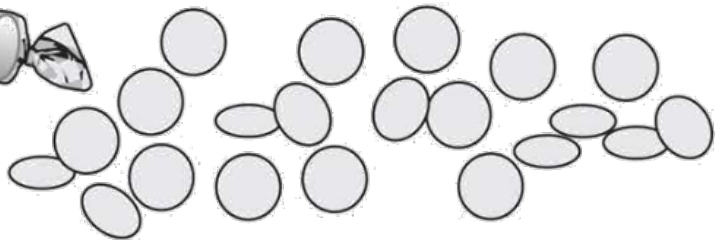
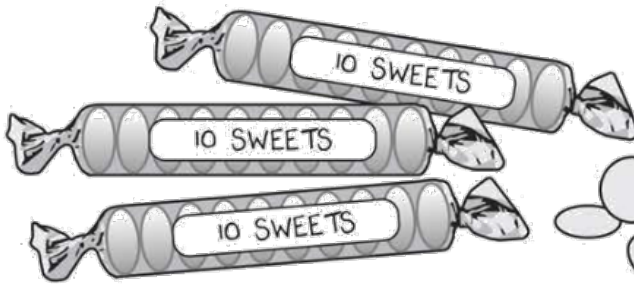
 ml

Add a two-digit number and tens

- 1 How many pencils are there altogether? + =



- 2 How many sweets are there in total? + =



- 3 Solve the following.

a $23 + 30 =$

d $28 + 50 =$

b $40 + 52 =$

e $74 + 20 =$

c $60 + 38 =$

f $70 + 26 =$

- 4 Try these harder ones.

a $80 + 34 =$


c $60 + 83 =$

b $72 + 40 =$



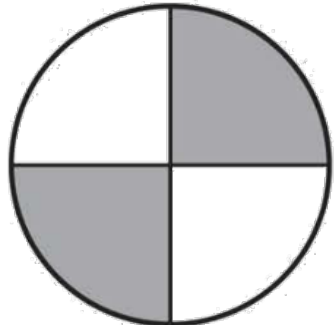
d $50 + 96 =$


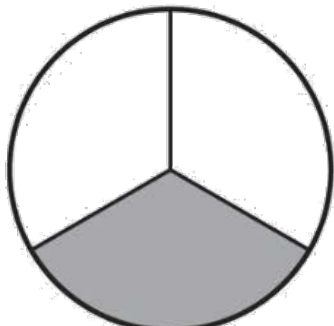
Recognise and name fractions

1 Match up the fractions. One is done for you.

| | | |
|---------------|---|----------------|
| $\frac{1}{3}$ | | three quarters |
| $\frac{1}{4}$ |  | one half |
| $\frac{3}{4}$ | | one quarter |
| $\frac{1}{2}$ | | one third |

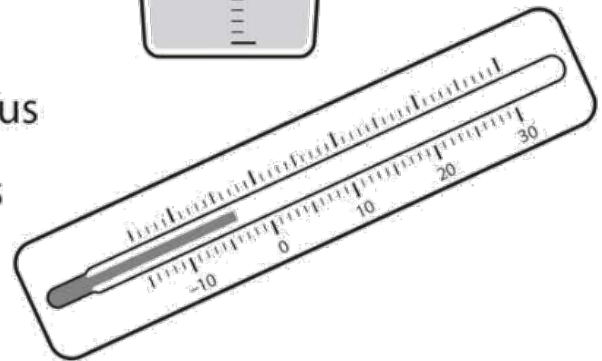
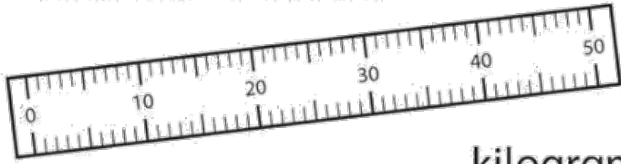
2 Now match the following. An example is shown.

| | | |
|---|---|---|
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| $\frac{2}{4}$ | $\frac{1}{3}$ | $\frac{1}{2}$ |
| | | $\frac{1}{4}$ |
| | | $\frac{3}{4}$ |

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Choose appropriate standard units to measure length/height, mass, temperature and capacity

1 Draw arrows to match the units of measurement to the correct measurement scale.



- kilograms
- litres
- degrees Celcius
- centimetres

2 Put the correct measurements in each of the following. Choose from **cm** (centimetres), **m** (metres), **g** (grams), **kg** (kilograms), **ml** (millilitres), **l** (litres) or **°C** (degrees Celcius)

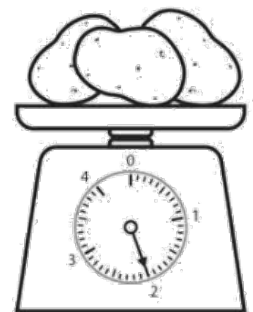
a The temperature was **21** .



b The boy is **1** tall.



c There are **400** of water in the glass.



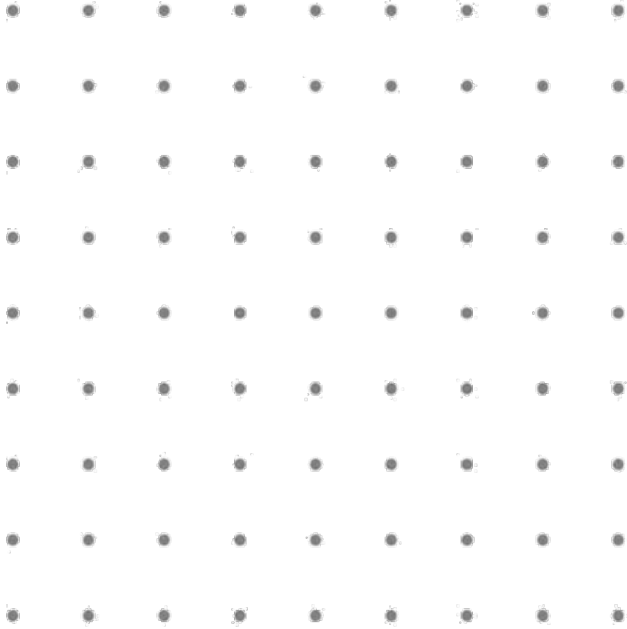
d **2** of potatoes are on the scale.



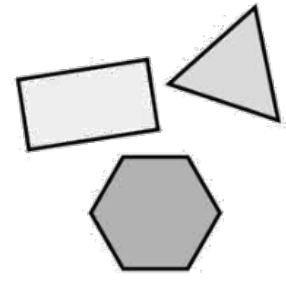
e The book has a length of **28** .

Draw lines and shapes using a straight edge

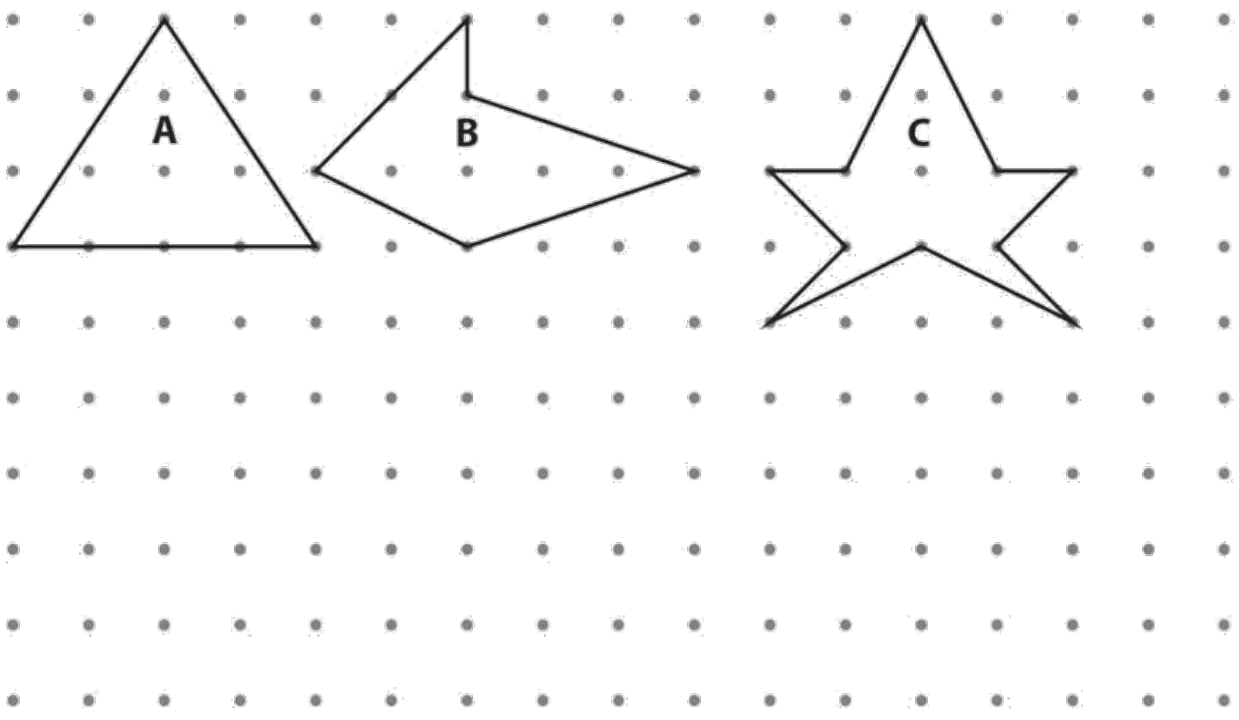
1 Using a ruler, draw the following shapes on the grid.



- a rectangle
- b triangle
- c hexagon



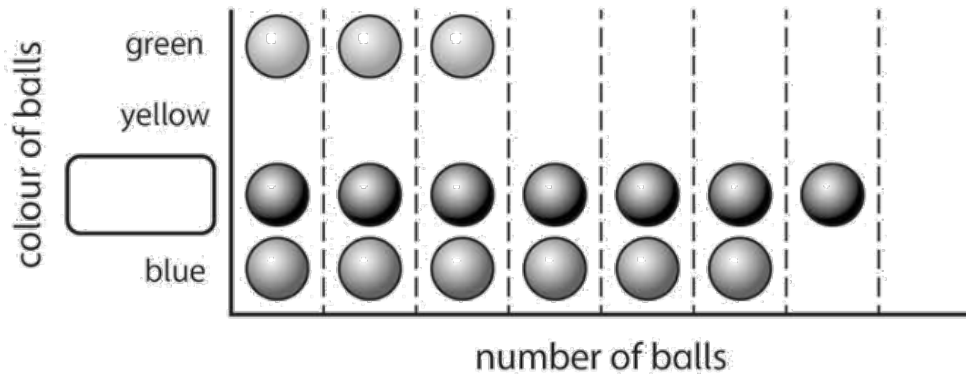
2



- a Draw a line of symmetry in the triangle.
- b Draw a line of symmetry on shape C.
- c Shape B is a pentagon. Use the dots to draw 2 different pentagons.

Construct simple pictograms, tally charts, block diagrams and tables

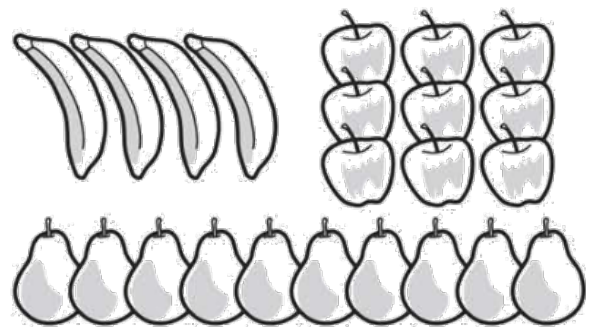
1 The pictogram shows the colour of the balls in the basket. There are some blue, red, yellow and green balls.



- a Fill in the missing box showing the colour of the balls.
- b There were 5 yellow balls. Add this information to the pictogram.

2 Count the different fruit and complete the tally chart.

| Fruit | Tally |
|--------|-------|
| apple | |
| banana | |
| pear | |



3 Now, on a separate piece of paper, construct your own pictogram and tally chart to show the information below.

| Colour of cars arriving on the carpark from 2pm to 3pm | | | |
|--|-------|--------|-------|
| red | black | silver | white |
| 5 | 4 | 3 | 2 |

Further mastery – number and place value

1 Choose the smallest number and write it in words.

EXAMPLE: 82 36 → *thirty-six*

- a 58 92 →
- b 76 4 →
- c 107 84 →
- d 103 130 →



2 For the following, write how many groups of **10** and how many **ones** there are.

EXAMPLE: *37* → *3 groups of ten and 7 ones*

- a 94 → groups of ten and ones.
- b 87 → groups of ten and ones.



3 What numbers are represented by the pictures?

a

b

c



4 Write $>$, $<$ or $=$ to make each number sentence correct.

a $3 + 6$ $4 + 4$

d $20 - 4$ $8 + 8$

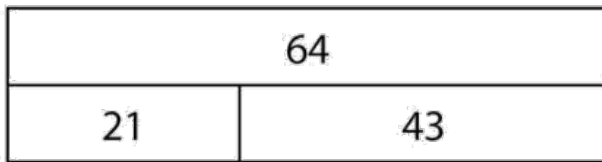
b $8 + 7$ $6 + 6$

e $27 - 12$ $8 + 9$

c $20 + 3$ $16 + 9$

f $34 - 14$ $3 + 6 + 8$

5 Write the number sentences to match the bar model.



+ =

+ =

- =

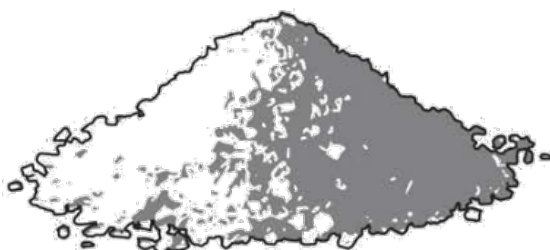
- =

6 Dom has **120 g** of flour.

a He uses **80 g**. How much does he have left? g

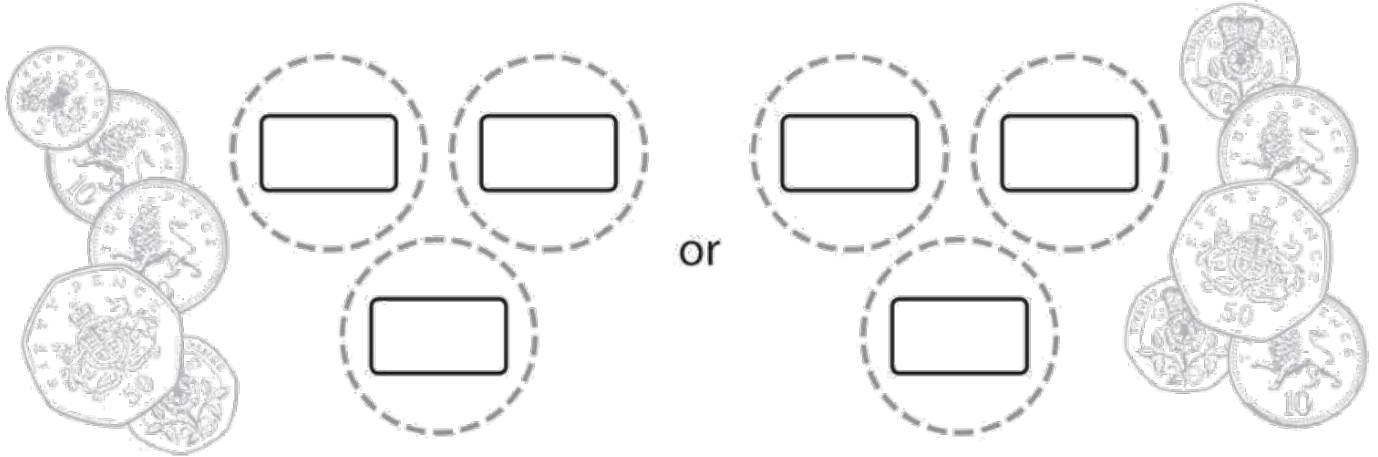
b He used **15 more grams** of sugar than flour.

How much sugar did he use? g



Further mastery – measurement

- 1 Sophie has **3** coins, which total **60p**. Write **2** different combinations of coins she could have.



- 2 Naeem had **50p**. He bought a lollipop and got this change.



How much was the lollipop? p

3

hat

shorts

tie

t-shirt

- a Max bought **2** items, which cost **£9** altogether.

Which items did Max buy? and

- b Mrs Smith bought one of each item.

How much change did she get from **£20**? £

