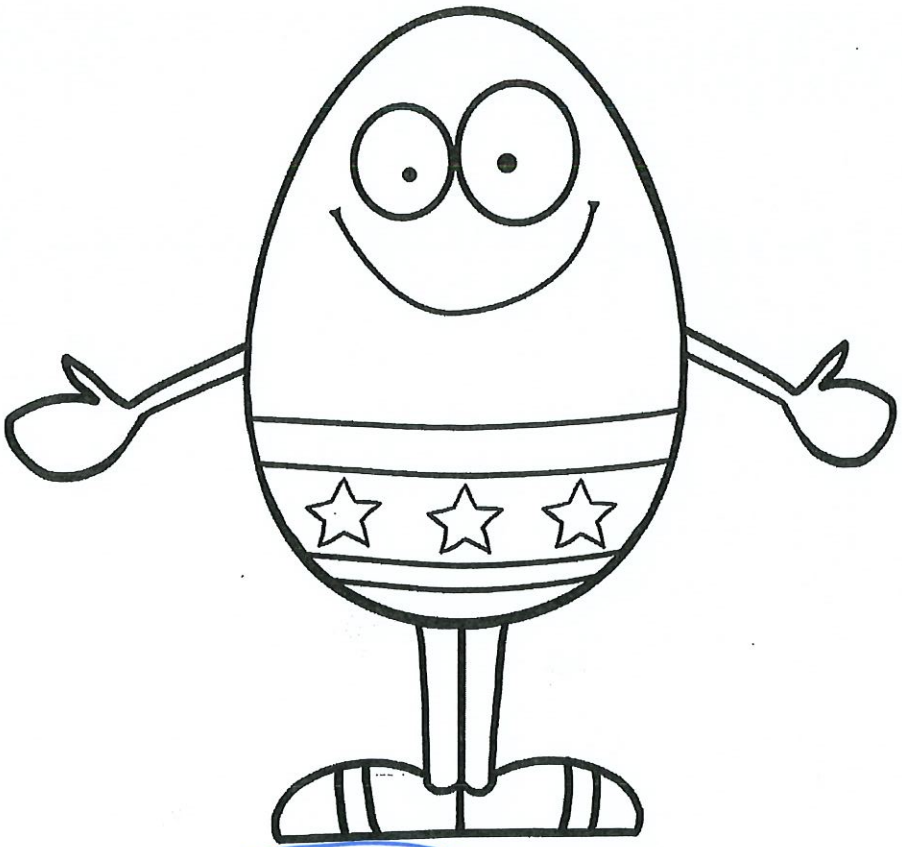
KS2 SAT Revision

Ten for Ten

Easter Practice Booklet

MATHEMATICS



Name: Honesty Card

Day 1 - Arithmetic

1 1016 - 200 =

mental

816

1 mark

2 423 x 2

mental

846

1 mark

3 84 ÷ 6 =

10 x 6 = 60
66
72
78
14 x 6 = 84

14

1 mark

4 6,237 + 6,959 =

```
  6237
+ 6959
-------
 13196
```

13,196

1 mark

5 43.2 - 7.85 =

```
  3 12 11
  4 3 . 2 0
    7 . 8 5
-----------
  3 5 . 3 5
```

35.35

1 mark

6

```
    36
  × 25
-------
   180   (5 × 36)
  720    (20 × 36)
-------
   900
```

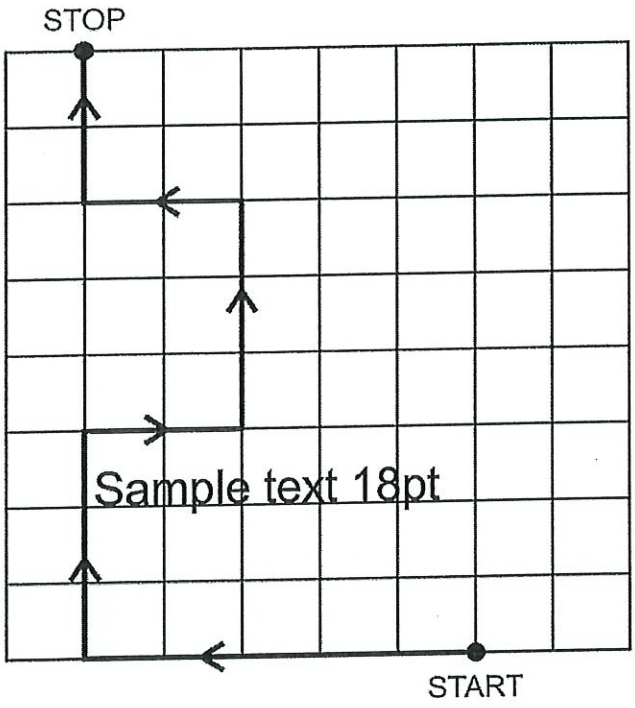
Show your method

900

2 marks

Day 1 - Reasoning

1 Follow this route with your pencil.



Complete this chart showing the route from START to STOP.

START
left 5
up 3
right 2
Up 3
left 2
Up 2
STOP

2 Write in the missing numbers.

115 + 85 = 200

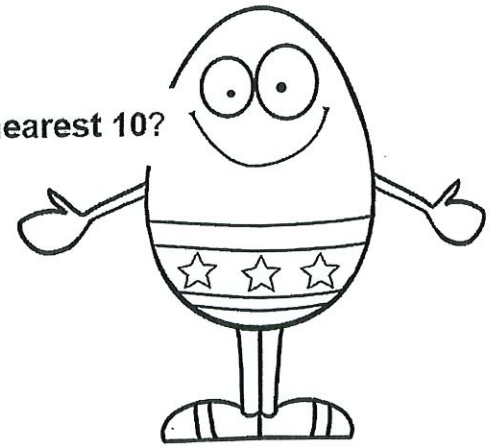
4 × 30 = 120

120 − 51 = 69

3 Which of these numbers give **80** when **rounded** to the **nearest 10**?

Circle all the correct numbers.

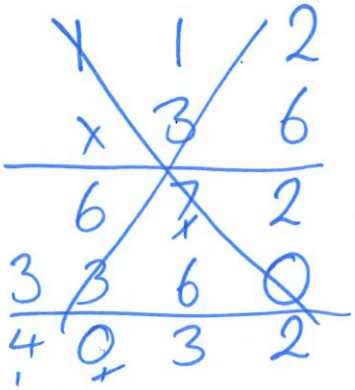
84 87 72 76 90



4 This table shows how many journeys a taxi driver made on five days and how much money he collected.

	number of journeys	money collected
Monday	23	£85
Tuesday	36	£112
Wednesday	18	£69
Thursday	31	£124
Friday	35	£109

Ooops!



How much money did he collect on the day that he made the most journeys?

£112

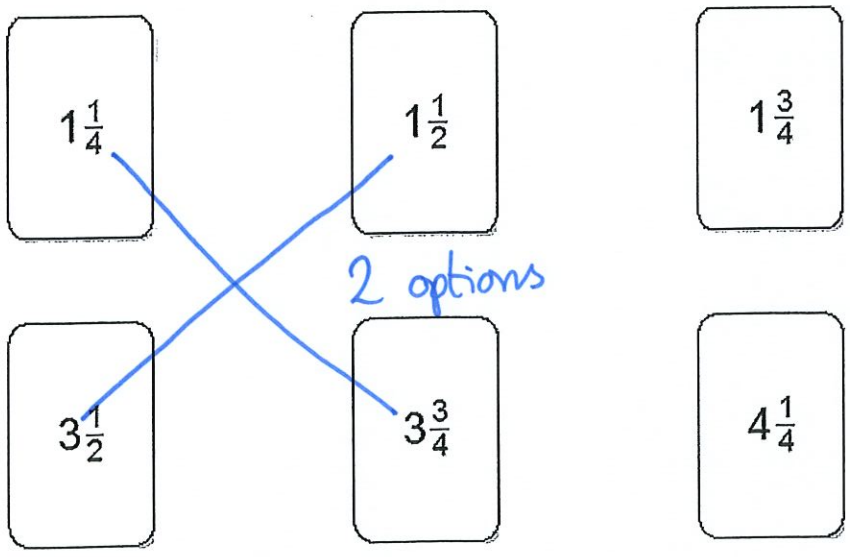
£ ~~4032~~

How much more money did he collect on Monday than on Wednesday?

85 - 69

£ 16

5 Tick (✓) **two** cards that give a **total of 5**



Day 2 - Arithmetic

1 7.4 + 0.3 =

M

7.7

1 mark

2 73 x 3

M

219

1 mark

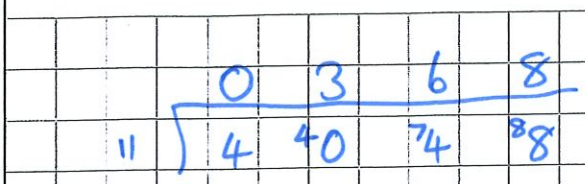
3 366 = 375 - 9 −10 +1

Check

$$\begin{array}{r} 366 \\ +\ \ 9 \\ \hline 375 \end{array}$$

1 mark

4 4,048 ÷ 11 =



368

1 mark

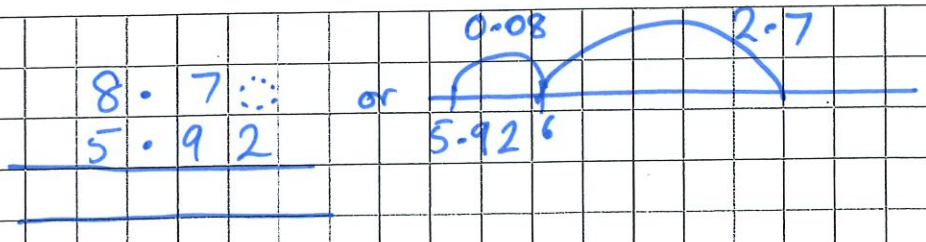
5 21 x 59 =

10 x 590
10 x 590
1 x 59
21 x 1239
2

1239

1 mark

6 8.7 - 5.92 =



2·78

1 mark

Day 2 - Reasoning

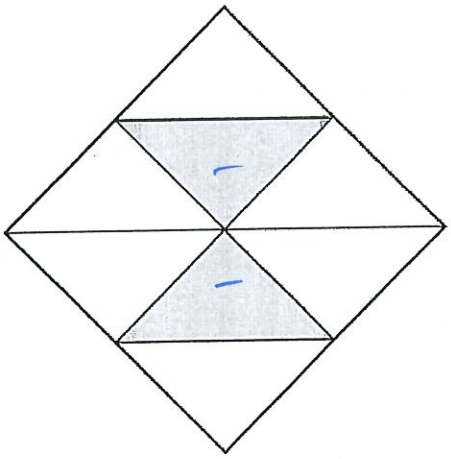
1 Write the correct sign **>**, **<** or **=** in each of the following.

$(10 + 5) - 9$ (6) $\boxed{<}$ $(10 + 9) - 5$ (14)

$3 \times (4 + 5)$ (27) $\boxed{>}$ $(3 \times 4) + 5$ (17)

$(10 \times 4) \div 2$ (20) $\boxed{=}$ $10 \times (4 \div 2)$ (20)

2 Here is a square.



What fraction of the square is shaded?

$\boxed{\frac{2}{8}}$ or $\frac{1}{4}$

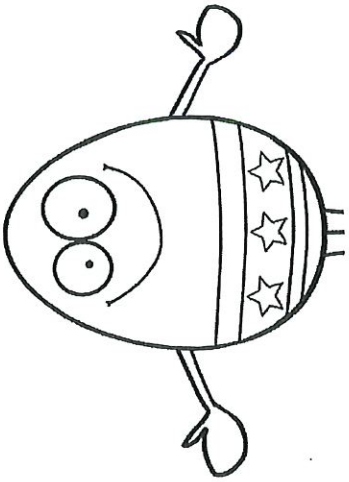
3 Write in the missing numbers in this multiplication grid.

×	5	9	8
4	20	36	32
7	35	63	56
6	30	54	48

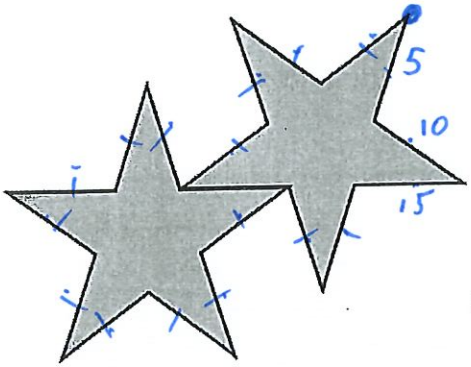
4 Millie has some star-shaped tiles.

Each edge of a tile is 5 centimetres long.

Not actual size



She puts two tiles together to make this shape.



Work out the perimeter of Millie's shape.

90 **cm**

5 Here is a repeating pattern of shapes.

Each shape is numbered.

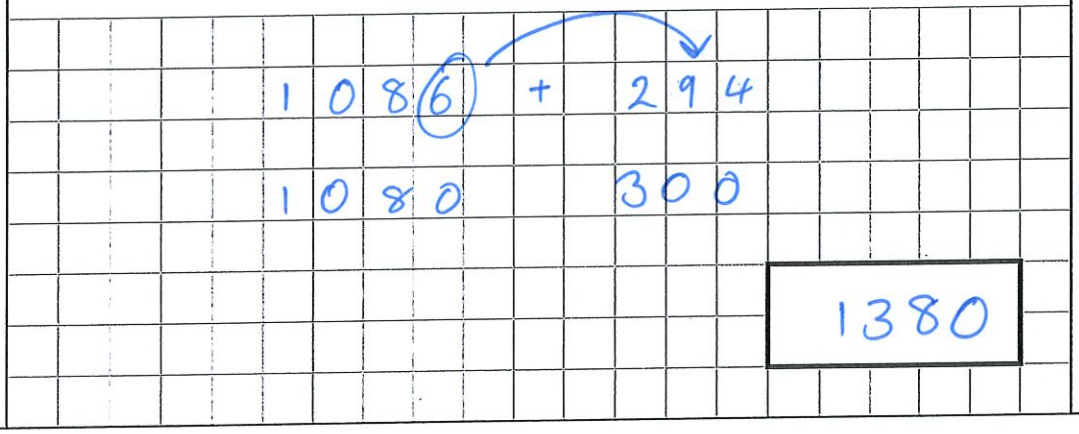
The pattern continues in the same way.

Write the numbers of the next two **stars** in the pattern.

11 and 16

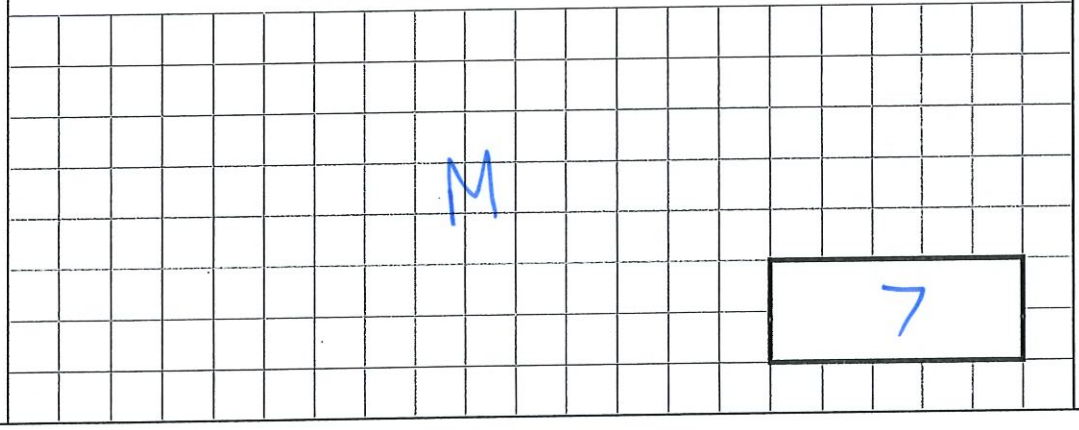
Day 3 - Arithmetic

1 1086 + 294 =



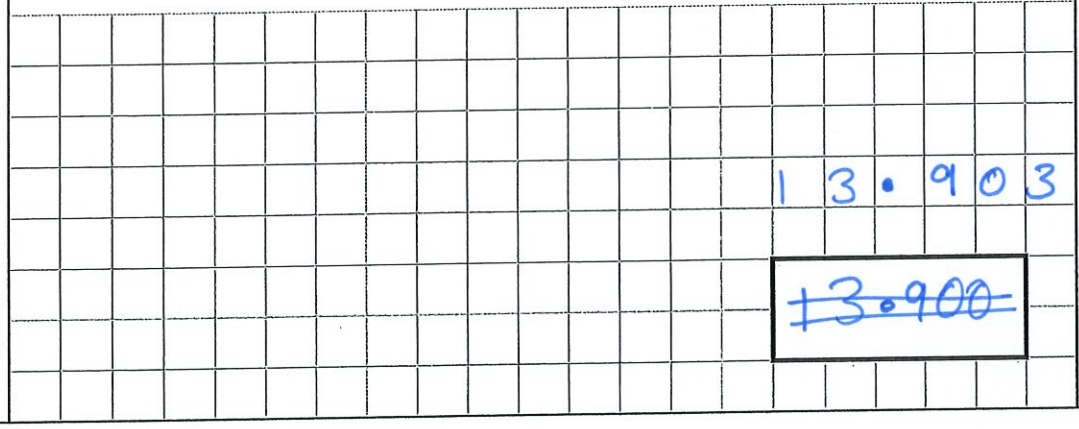
1 mark

2 63 ÷ 9 =



1 mark

3 4.9 + 9.003 =



1 mark

4 283,998 - 55,704 =

$$\begin{array}{r} {}^{7}\not{2}\,{}^{1}\not{8}3,998 \\ -\quad 55,704 \\ \hline 228,294 \end{array}$$

228,294

1 mark

5 1.205 x 100 =

120.5

1 mark

6 50 + 7 x 5 =

BO DM AS

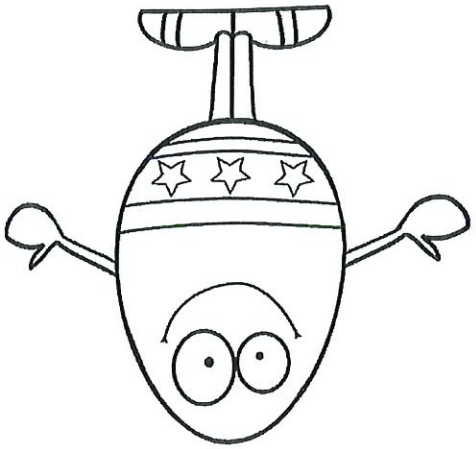
first

50 + 35

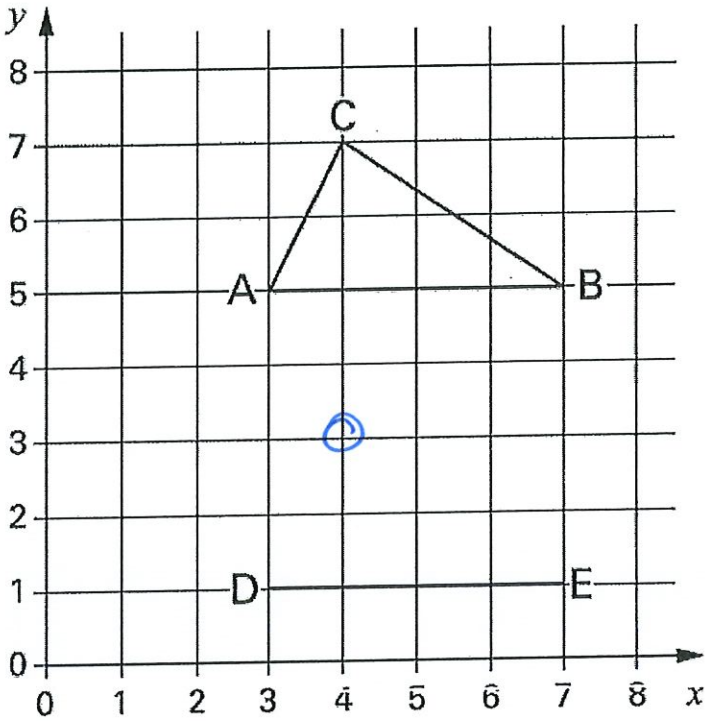
85

1 mark

Day 3 - Reasoning



1 Kyle has drawn triangle **ABC** on this grid.



Holly has started to draw an **identical** triangle **DEF**.

What will be the coordintes of point F ?

(4 , 3)

2 Use **each** number card **once** to make the answer to each calculation an **even** number.

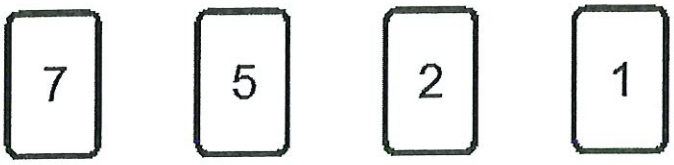
3 4 5

5 × 4

12 ÷ 3

9 + 5

3 Here are four digit cards.



Choose two cards each time to make the following two-digit numbers.

The first one is done for you.

an even number — 5 2

a multiple of 9 — 2 7 or 72

a square number — 2 5

a factor of 96 — 1 2

4 The first two numbers in this sequence are 2.1 and 2.2

The sequence then follows the rule

'to get the next number, add the two previous numbers'

Write in the next two numbers in the sequence.

2.1 2.2 4.3 6.5 10.8 17.3

Day 4 - Arithmetic

1 666 - 8 =

M

658

1 mark

2 3.7 + 4.008 =

7.708

1 mark

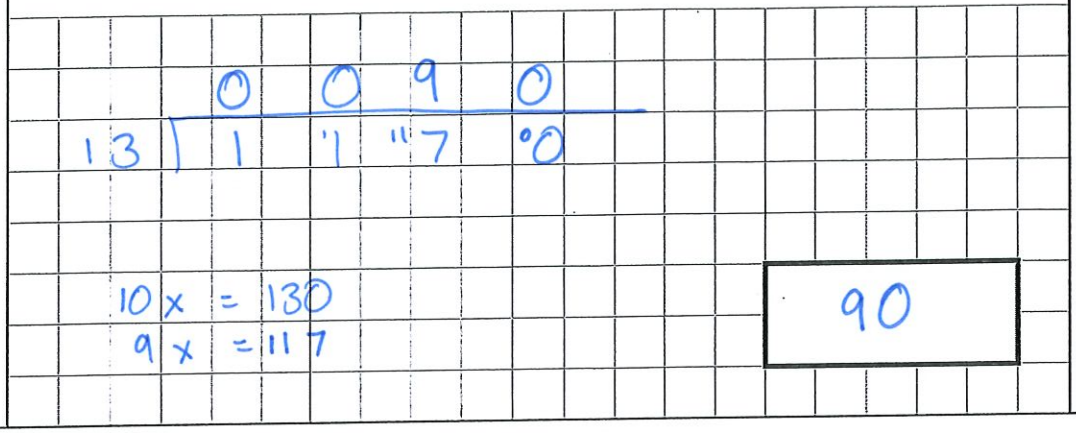
3 5 x 6 x 9 =

30 x 9

270

1 mark

4 1,170 ÷ 13 =



90

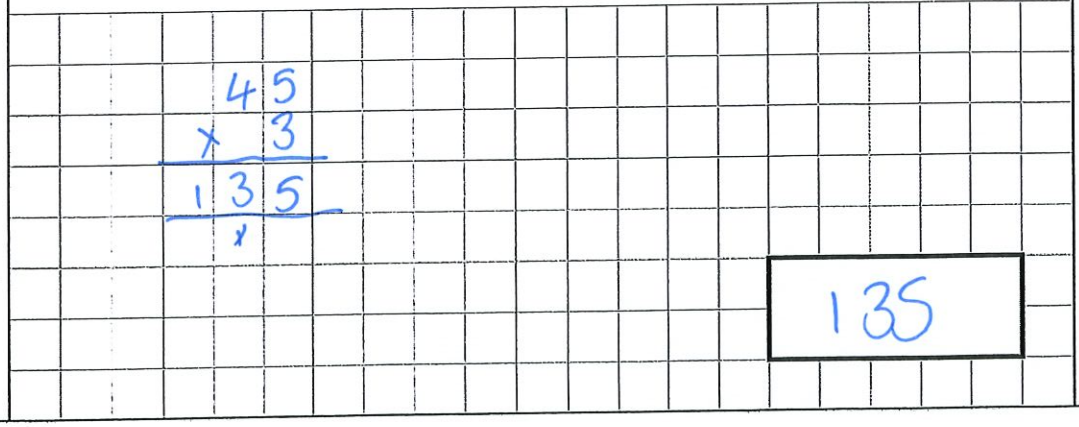
1 mark

5 40 x 500 =

20,000

1 mark

6 3 x 9 x 5 =



135

1 mark

Day 4 - Reasoning

1 Alan has **45 beans**.

He plants **3 beans** in each of his pots.

How many pots does he need?

15 **pots**

Leila puts **4 seeds** in each of her pots.

She uses **6 pots** and has **1 seed** left over.

How many seeds did she start with?

25

2

3	8	9	1

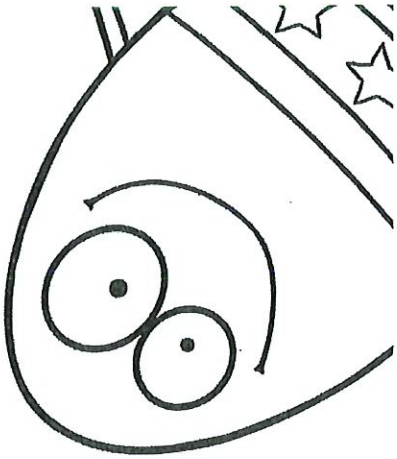
Choose **three** of these number cards to make an **even** number that is **greater than 400**

9	1 or 3	8

3 Write in the missing numbers.

55 + 65 = 120

600 × 4 = 2400

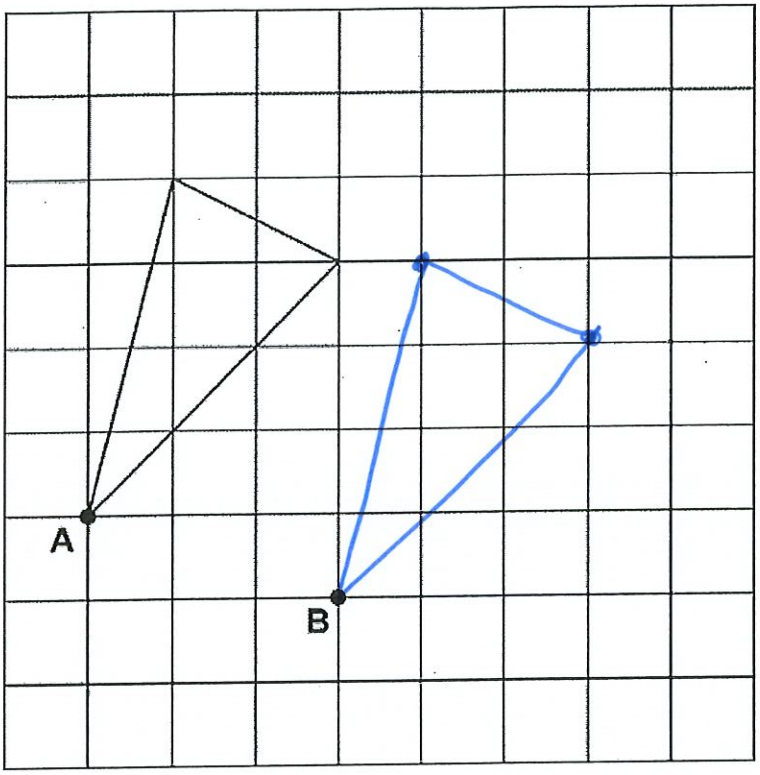


4 Here is a triangle on a square grid.

The triangle is translated so that point **A** moves to point **B**.

Draw the triangle in its new position.

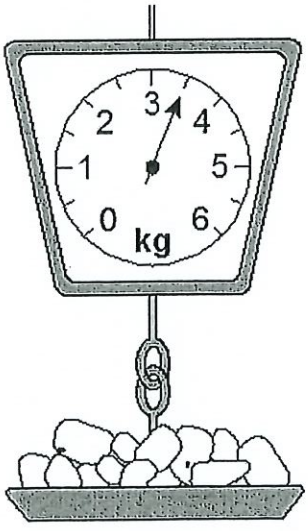
Use a ruler.



5 This table shows the weight of some fruits and vegetables.

Complete the table.

	grams	kilograms
potatoes	3500	3.5
apples	1200	1.2
grapes	250	0.25
ginger	30	0.03



Day 5 - Arithmetic

1 $5 \times 8 \times 9 =$

40

360

1 mark

2 $\frac{4}{6} + \frac{2}{6} =$

$\frac{6}{6}$ or 1

1 mark

3 $8^2 + 16 =$

64 + 16

80

1 mark

4 40% of 2,800 =

10% = 280

40% = 280 × 4

1120

1120

1 mark

5 38 x 7 =

38 × 7

266

266

1 mark

6

322 × 53

966

16100

17066

17066

Show your method

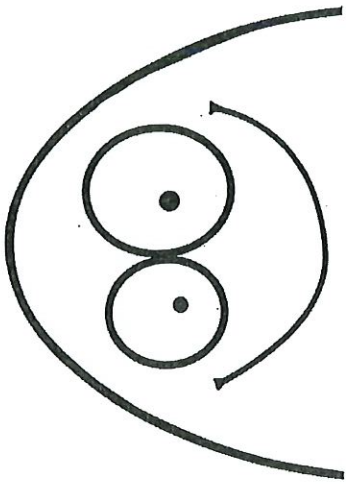
2 marks

Day 5 - Reasoning

1 Write in the **missing** numbers.

(3 × 4) + [7] = 19

(5 × 5) – [2] = 23



2 Write in the missing digits to make this correct.

	[3]	4	[1]
×			6
2	0	5	2

Lewis makes a call from a telephone box.

keep!

3 He has **£2** in coins.

He uses these five coins to make the call.

£1.10 used

How much money has he got **left from the £2**?

90p

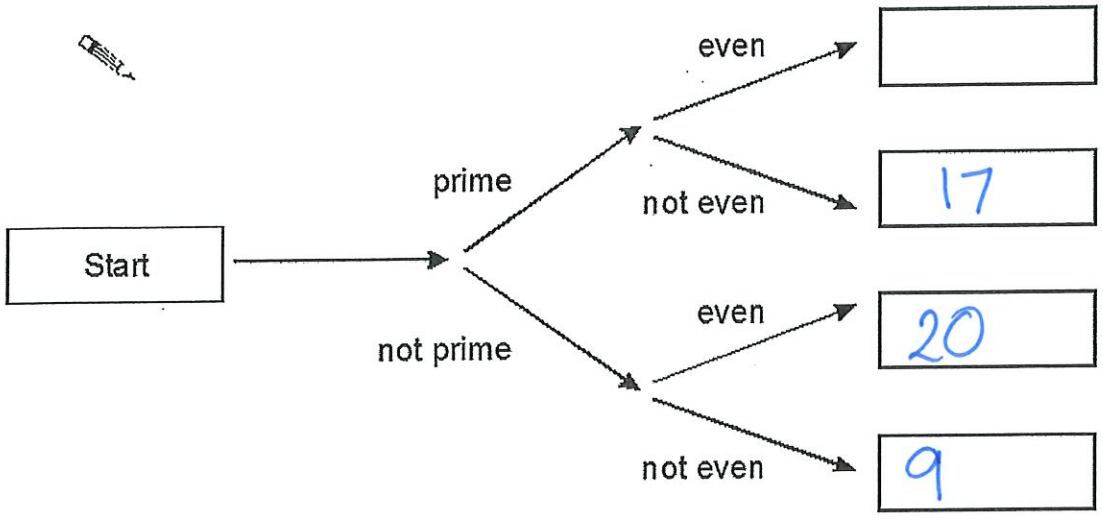
or £0.90

4 Here is a diagram for sorting numbers.

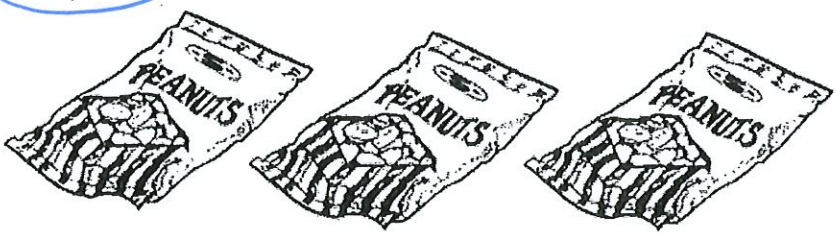
Write these three numbers in the correct boxes.

You may not need to use all of the boxes.

9 17 20



5 Parveen buys 3 small bags of peanuts.



She gives the shopkeeper £2 and gets 80p change. £1.20

What is the cost in pence of one bag of peanuts?

Show your **working.** You may get a mark.

£2 - 80p = £1.20

£1.20 ÷ 3

40 p

Day 6 - Arithmetic

1 $540 \div 2 =$

270

1 mark

2 $81 \times 1000 =$

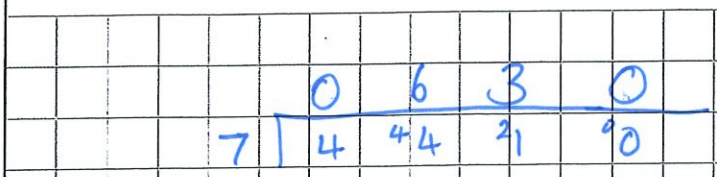
81,000

1 mark

3 60 $= 540 \div 9$

1 mark

4 $4{,}410 \div 7 =$



630

1 mark

5 $19 + 3 \times 3 =$

BO DM AS

19 + 9

28

1 mark

6 $17 \div 2 =$

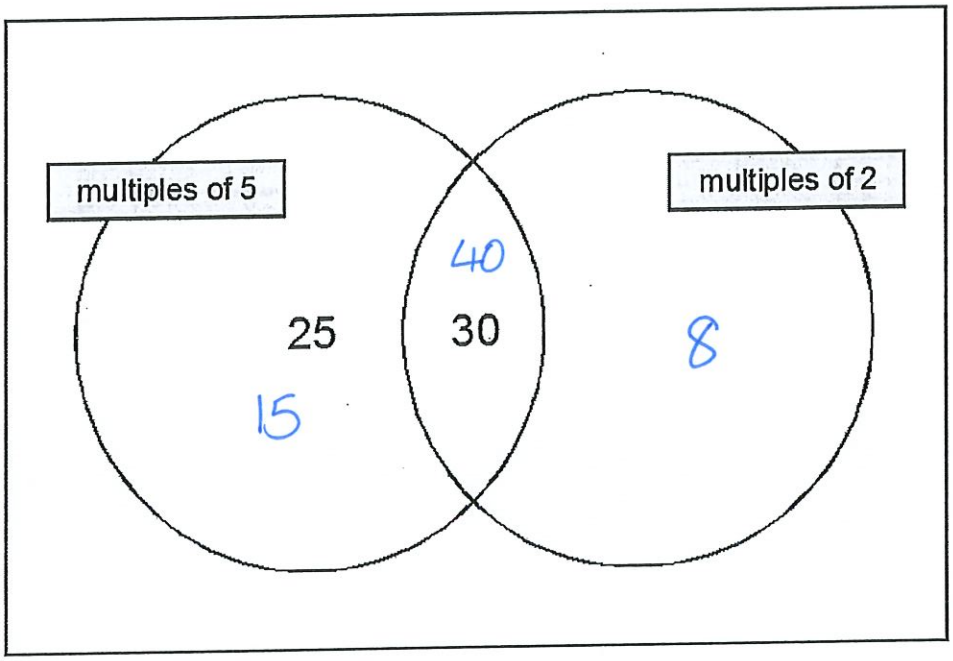
8·5

1 mark

Day 6 - Reasoning

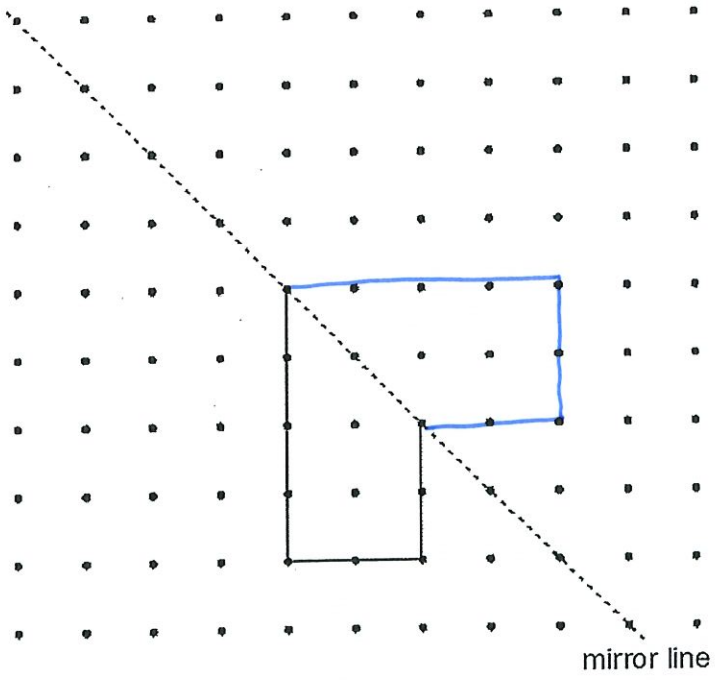
1 Write **each of** these numbers in its correct place on the sorting diagram.

40 **8** **15**



2 Use a ruler to draw the **reflection** of this shape in the mirror line.

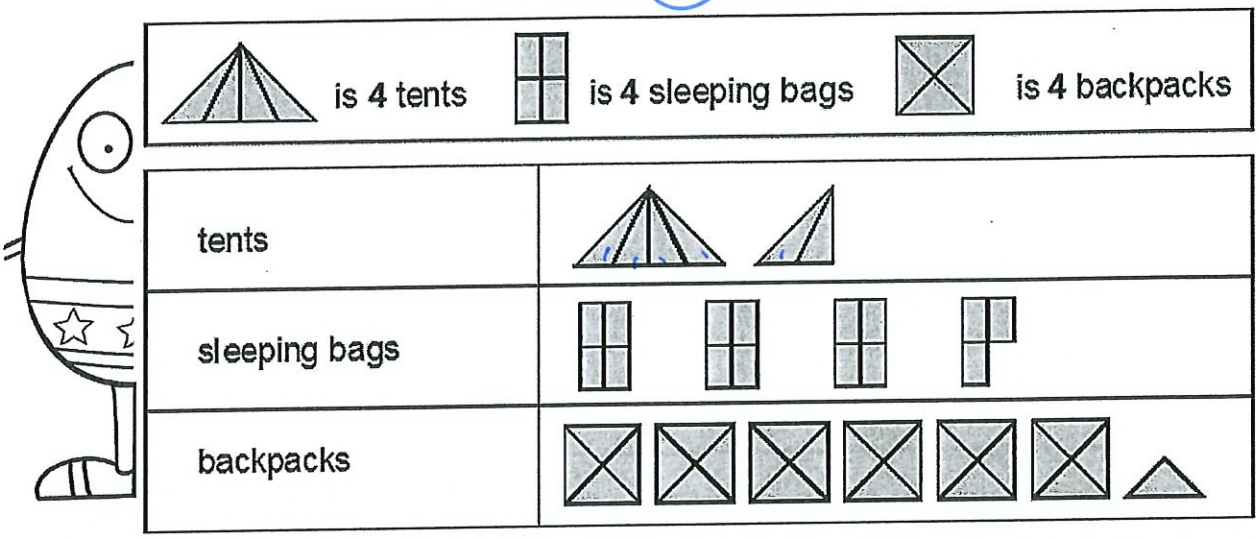
You may use a mirror or tracing paper.



3 A camping shop sells **tents**, **sleeping bags** and **backpacks**.

This chart shows how many of each they sold in June.

Items sold in June



The shop had **20** sleeping bags at the **beginning of June.**

How many of these sleeping bags did the shop have left at the **end of June?**

20 - 15

5

In **July**, the shop sold **three times as many tents** as in June.

How many tents did the shop sell in **July**?

3x 6

18

4 Write in the **missing** numbers.

150 + 350 **= 500**

172 – 112 **= 60**

Day 7 - Arithmetic

1 $3^2 + 13 =$

9 + 13

22

1 mark

2 $50{,}000 - 800 =$

49,200

1 mark

3 $32.8 \times 1000 =$

32,800

1 mark

4 6,642 + 7,947 =

```
  6642
+ 7947
 14589
```

14,589

1 mark

5 13 - 8.05 =

```
 13.00
  8.05
```

Too many steps so count back

13 - 8 then -0.05 (5)

4.95

1 mark

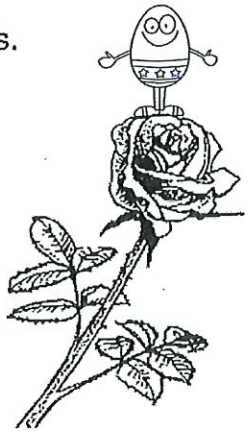
6 69 x 2 =

138

1 mark

Day 7 - Reasoning

1 A shop sells flowers.



Roses	**Daffodils**
40p each	99p for a bunch

John buys 3 bunches of daffodils.

How much does he pay altogether?

£2.97

Karpal has **£4.00** to spend on **roses.**

How many **roses** can she buy for **£4.00**?

10

2 Put a tick (✓) in **each row** to complete this table.

One has been done for you.

	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
0.9	✓	
0.06		✓
$\frac{11}{20}$	✓	
0.21		✓

3 This table shows the numbers of children who went walking, sailing or climbing at an outdoor centre.

	May	June	July
walking	25	80	75
sailing	15	42	50
climbing	18	27	23

How many children went **sailing** in **May, June and July** altogether?

107

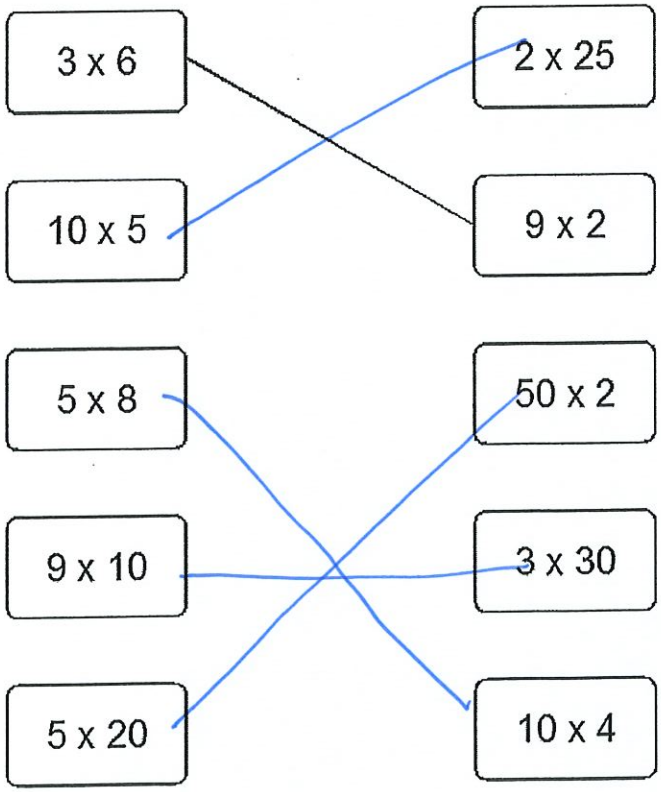
How many **more** children went **walking** in **June** than **climbing** in **June**?

53

4 Each card on the left matches one on the right.

Draw lines to match the cards which are **equal** in value.

One has been done for you.



Day 8 - Arithmetic

1 50 x 10 =

500

1 mark

2 4096 - 200 =

3896

1 mark

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

$\frac{1}{8}$

1 mark

4 3,912 ÷ 6 =

$$6\overline{)3912} = 652$$

652

1 mark

5 45 x 44 =

$$\begin{array}{r} 45 \\ \times\ 44 \\ \hline 180 \\ 1800 \\ \hline 1980 \end{array}$$

1980

1 mark

6 868 + 200 =

1068

1 mark

Day 8 - Reasoning

1 Write the number 53,148 in **words.**

Fifty three thousand, one hundred and forty eight

2 The numbers in this sequence increase by 30 each time.

20 50 80 110 ...

0 30 60 90 120

The sequence continues in the same way.

Which number in the sequence will be **closest to 300**?

Show your method

It's 10 less than multiples of 30 or 20 more

30 300 - 10 or 300 + 20

290

3 Here is a number written in Roman numerals.

CXV

100 10 5

Write the number in figures.

115

4 Look at this number.

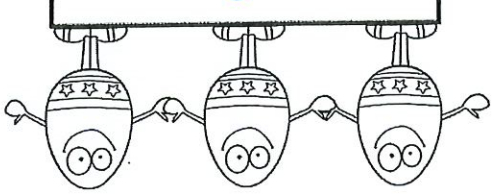
23,451.96

Write the **digit** that is in the hundreds place.

4

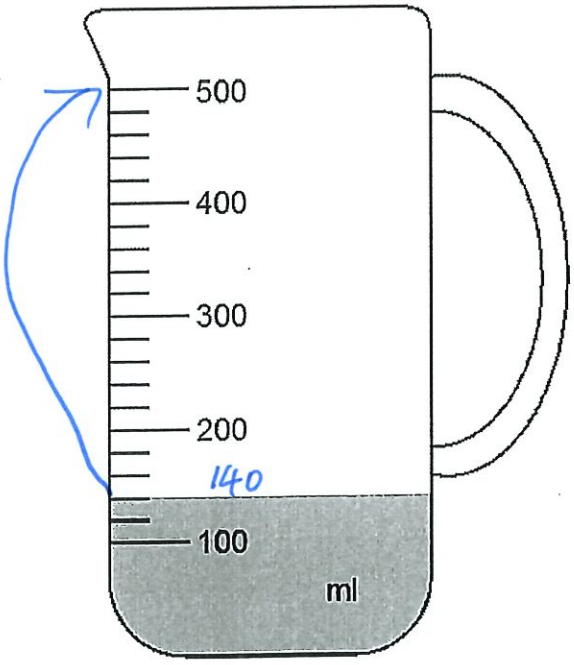
Write the **digit** that is in the hundredths place.

6



5 Mr Khan makes a blackcurrant drink for a party.

He pours blackcurrant squash into a jug.



How much water must he add to make **500 millilitres** of drink?

360 ml

Day 9 - Arithmetic

1 424 x 2 =

848

1 mark

2 7.2 + 0.4 =

7·6

1 mark

3 29,200 = 30,000 - 800

1 mark

4 14 - 6.09 =

14 - 6 then - 0.09

8

7.93

1 mark

5 1,080 ÷ 12 =

9 x 12 = 108

90 x 12 = 1080

90

1 mark

6

Show your method

$$\begin{array}{r} 599 \\ \times\ 38 \\ \hline 4792 \\ 17970 \\ \hline 22762 \\ {\scriptstyle 1\ 1\ 1} \end{array}$$

22,762

2 marks

Day 9 - Reasoning

1 Liam hires a bike.

He has to return it by 3 pm.

The time is 2:25 pm.

How many minutes has he got left?

35 **minutes**

Amy hires a bike for 45 minutes.

She takes the bike out at 3:30 pm.

At what time must she return the bike?

4:15 **pm**

2 Here is a sorting diagram for numbers.

Write a number **less than 100** in each space.

	even	**not** even
a square number	4 16 36 64 ———	1 9 25 49 81 ———
not a square number	32 10 Lots of	3 97 examples

3 Ali puts these five numbers in their correct places on a number line.

511 499 502 555 455

Write the number **closest** to 500

499

Write the number **furthest** from 500

555

4 This table shows the number of people living in various towns in England.

Town	Population
Bedford	82,448
Carlton	48,493
Dover	34,087
Formby	24,478
Telford	166,640

```
  24478
+166640
-------
 191118
```

What is the **total** of the numbers of people living in Formby and in Telford?

191 118

What is the **difference** between the numbers of people living in Bedford and in Dover?

```
 78'23'48
-34087
-------
 48361
```

48 361

Day 10 - Arithmetic

1 73 x 4 =

280 12

292

1 mark

2 2,067 + 393 =

(M) 2067 + 400 - 7

2460

1 mark

3 20 x 20 =

400

1 mark

4 3146 - 200 =

2946

1 mark

5 1.68 x 6 =

$$\begin{array}{r} 1.68 \\ \times\ \ 6 \\ \hline 10.08 \\ {\scriptstyle 1\ 1} \end{array}$$

10.08

1 mark

6 0.034 ÷ 10 =

0.0034

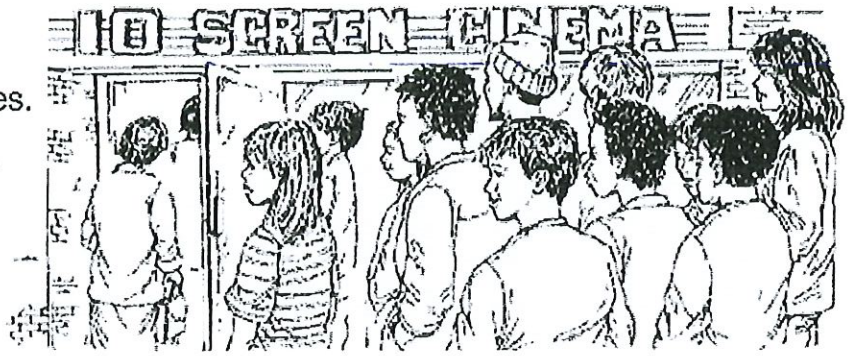
1 mark

Day 10 - Reasoning

1 A film starts at 6:45pm.

It lasts 2 hours and 35 minutes.

What time will the film finish?



+2hrs +35mins

6·45 ⟶ 8:45 ⟶

9·20 pm

2 Write in the missing digits.

4	6	4	+	3	8	7	=	8	5	1

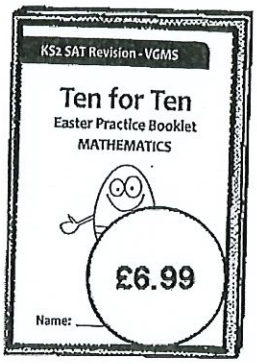
$$\begin{array}{r} 4\ 6\ 4 \\ +\ 3\ 8\ 7 \\ \hline 8\ 5\ 1 \\ \hline \end{array}$$

3 Circle all the **multiples of 8** in this list of numbers.

18 32 56 68 72

4

Book Sale
Any 3 books for £14.50



Lee bought **these three** books in the sale for **£14.50**

How much money did he save altogether compared to the **full price** of the books?

Show your **working.** You may get a mark.

£4 + £6 + £7 = £17 - 3p
= £16.97

- 16.97
14.50
2.47

£ 2.47

5 Write the missing number.

One is done for you.

180 → is 20 more than → 160

257 → is 20 more than → 237