

Q1.

In this grid, there are four multiplications.

Write the **three** missing numbers.

4	×	8	=	
×		×		
3	×		=	21
=		=		
		56		

1 mark

Q2.

A pack of paper has 150 sheets.

4 children each take 7 sheets.

How many sheets of paper are left in the packet?

Show
your
method

2 marks

Q3.

Circle the number that is **10 times** greater than nine hundred and seven.

9,700

907

9,007

970

9,070

1 mark

Q4.

Write in the missing number.

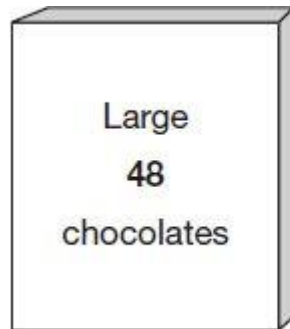
$$1 + 10 + \boxed{} = 100$$

1 mark

Q5.

Ken buys 3 large boxes and 2 small boxes of chocolates.

Each large box has 48 chocolates. Each small box has 24 chocolates.

How many **chocolates** did Ken buy altogether?

Show
your
method

chocolates

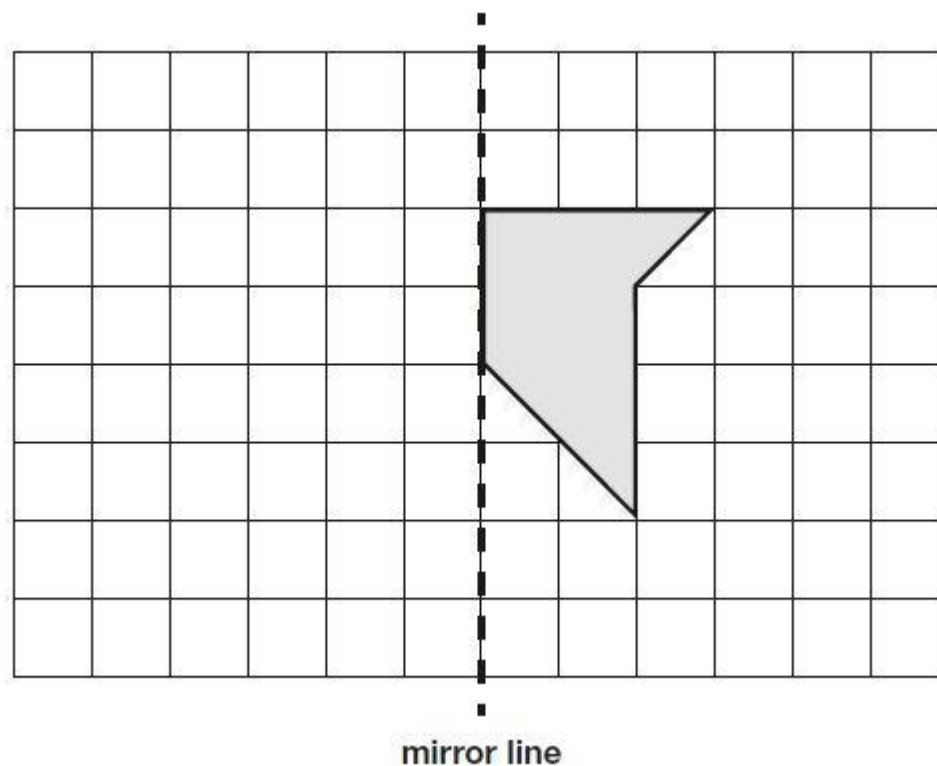
2 marks

Q6.

Here is a shape on a grid.

Complete the design so that it is symmetrical about the mirror line.

Use a ruler.



1 mark

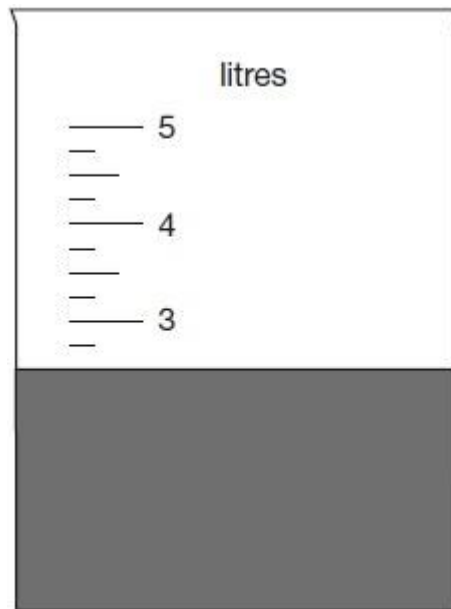
Q7.

What number is 1,000 **less** than 9,072?

1 mark

Q8.

Jack pours some dark paint into a container.



In litres, how much paint is in the container?

litres

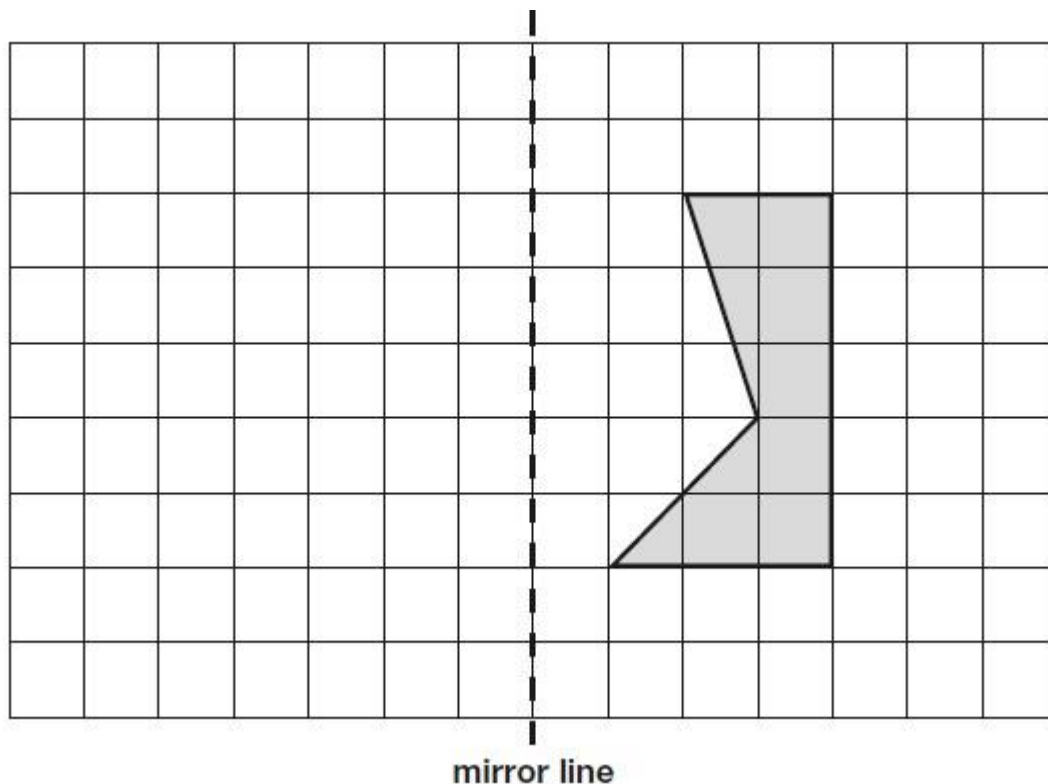
1 mark

Q9.

Here is a shaded shape on a square grid.

Reflect the shape in the mirror line.

Use a ruler.



1 mark

Q10.

Stefan completes this calculation.

$$\begin{array}{r}
 \begin{array}{|c|c|} \hline 9 & 5 \\ \hline \end{array} \\
 - \begin{array}{|c|c|} \hline 6 & 7 \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|} \hline 2 & 8 \\ \hline \end{array}
 \end{array}$$

Write an **addition** calculation he could use to check his answer.

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array}
 +
 \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

1 mark

Mark schemes

Q1.

Award **ONE** mark for three correct answers, as shown:

4	×	8	=	32
×		×		
3	×	7	=	21
=		=		
12		56		

[1]

Q2.

Award **TWO** marks for the correct answer of 122

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g:

- $4 \times 7 = 28$
 $150 - 28$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2

[2]

Q3.

The correct number circled as shown:

9,700 907 9,007 970 9,070

*Accept alternative unambiguous positive indications, e.g.
number ticked.*

[1]

Q4.

89

[1]

Q5.

Award **TWO** marks for the correct answer of 192

If the answer is incorrect, award **ONE** mark for evidence of an appropriate

method, e.g.

- $48 \times 3 = 144$
 $24 \times 2 = 48$
 $144 + 48 =$

OR

- $48 + 48 + 48 = 144$
 $24 + 24 = 48$
 $144 + 48 =$

OR

- 4×48

OR

- 8×24

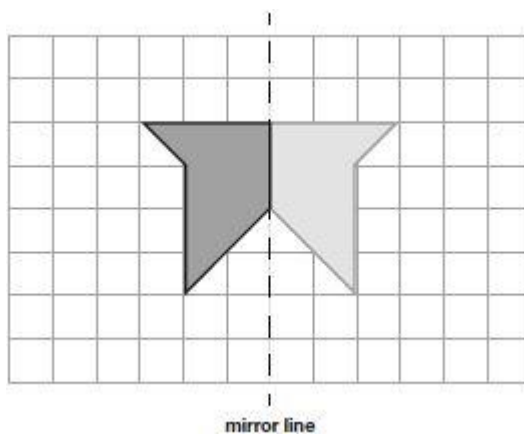
*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]

Q6.

Diagram completed, as shown:



Accept slight inaccuracies in drawing (see guidance).

*Shape need not be shaded for the award of **ONE** mark.*

[1]

Q7.

8,072

[1]

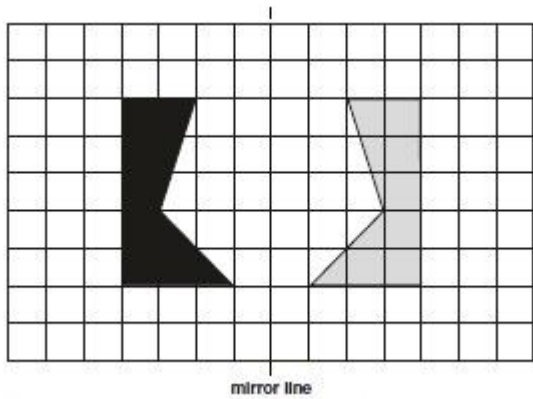
Q8.

2.5 or $2\frac{1}{2}$

[1]

Q9.

Diagram completed, as shown:



Accept slight inaccuracies in drawing.

*Shape need not be shaded for the award of **ONE** mark.*

[1]

Q10.

Correct addition calculation, as shown:

$$\begin{array}{r} \boxed{2} \boxed{8} \\ + \boxed{6} \boxed{7} \\ \hline \boxed{9} \boxed{5} \end{array}$$

OR

$$\begin{array}{r} \boxed{6} \boxed{7} \\ + \boxed{2} \boxed{8} \\ \hline \boxed{9} \boxed{5} \end{array}$$

*All 6 digit cards must be completed correctly for the award of **ONE** mark.*

[1]