1 $180 \div 3 =$

1 mark

2  $= 5{,}776 - 855$

1 mark

3 $8 \times 33 =$

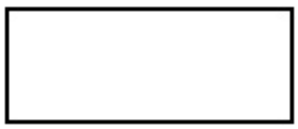
1 mark

4 $1{,}034 + 586 =$

1 mark

5 $120 \div 12 =$

1 mark

6  $= 87 - 65$

1 mark

7 $2 \times 45 =$

1 mark

8 $5{,}400 \div 9 =$

1 mark

9 $122{,}456 - 11{,}999 =$

1 mark

10

$$\begin{array}{r} 71 \\ \times\ 46 \\ \hline \end{array}$$

Show your method

2 marks

11 $2\frac{1}{5} + 3\frac{2}{5} =$

1 mark

12 $0.9 \times 200 =$

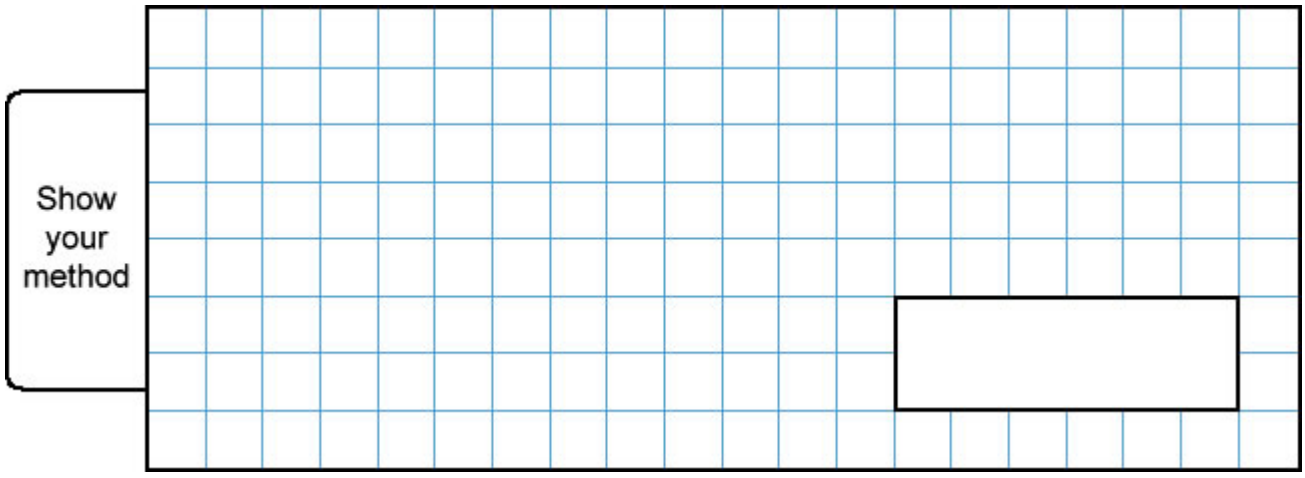
1 mark

13 $\frac{8}{9} - \frac{1}{4} =$

1 mark

14 $37\overline{)888}$

Show your method



2 marks

Mark schemes

1 60 **[1]**

2 4,921 **[1]**

3 264 **[1]**

4 1620 **[1]**

5 10 **[1]**

6 22 **[1]**

***Do not** accept −22*

7 90 **[1]**

8 600 **[1]**

9 110,457 **[1]**

10

Award **TWO** marks for the correct answer of 3,266
If the answer is incorrect, award **ONE** mark for the formal method of long multiplication with no more than **ONE** arithmetical error,
e.g.

- 71
  × 46
  426
  2840
  3260 *(error)*

OR

- 71
  × 46
  426
  2440*(error)*
  2866

*Working must be carried through to reach a final answer for the award of **ONE** mark.*

***Do not** award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:*

71
× *46*
426
284 (place value error)
710

Up to 2m

[2]

11

$5\frac{3}{5}$

[1]

12

180

[1]

13

$\frac{23}{36}$

*Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.638 (accept any unambiguous indication of the recurring digits).*

***Do not** accept rounded or truncated decimals.*

[1]

14 Award **TWO** marks for the correct answer of 24

If the answer is incorrect, award **ONE** mark for the formal methods of division with no more than **ONE** arithmetic error, i.e.

- long division algorithm, e.g.

```
    23 r29
37 | 888
   - 740
     140   (error)
   - 111
      29
```

OR

```
     42   (error)
37 | 888
   - 740        20 × 37
     148
   - 148        4 × 37
       0
```

- short division algorithm, e.g.

```
    2 3 r27   (error)
37 | 88^14 8
```

*Working must be carried through to reach a final answer for the award of **ONE** mark.*

*Short division methods **must** be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm, and be a complete method. The carrying figure **must** be less than the divisor.*

Up to 2m

[2]