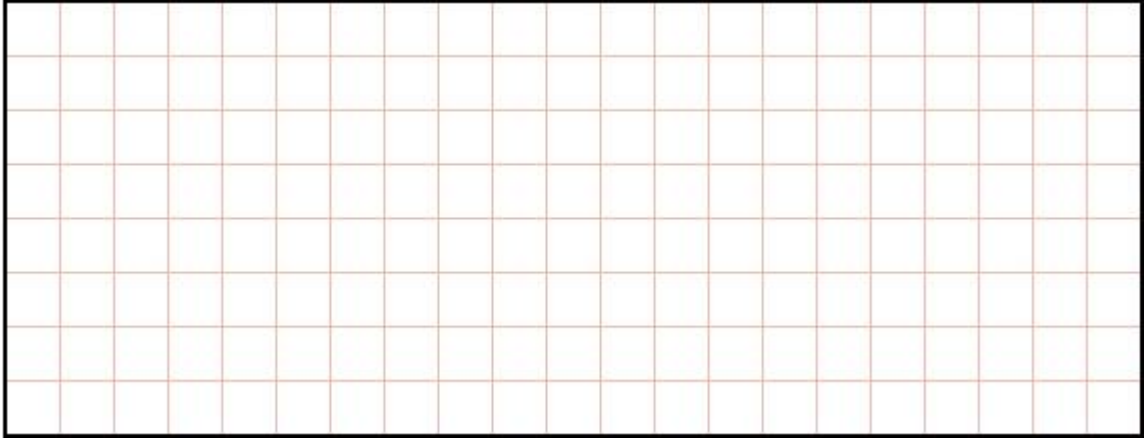


**Q1.**

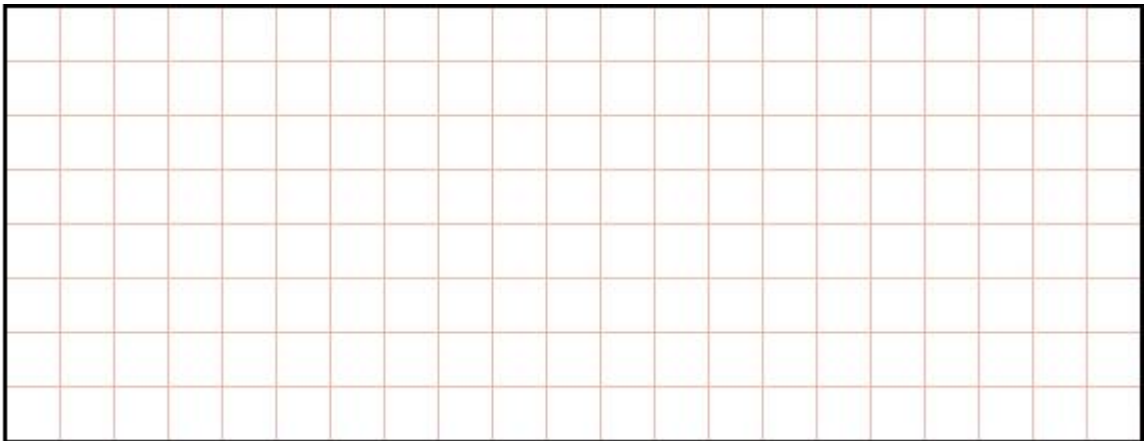
$30 \times 40 =$



1 mark

**Q2.**

$50 \times 70 =$



1 mark

**Q3.**

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

<p><b>Show your method</b></p>	

2 marks

**Q4.**

$$\begin{array}{r} 54 \\ \times \underline{23} \end{array}$$

<p><b>Show your method</b></p>	

2 marks

Q5.

$$\begin{array}{r} 836 \\ \times \underline{27} \\ \hline \end{array}$$

Show your method																									

2 marks

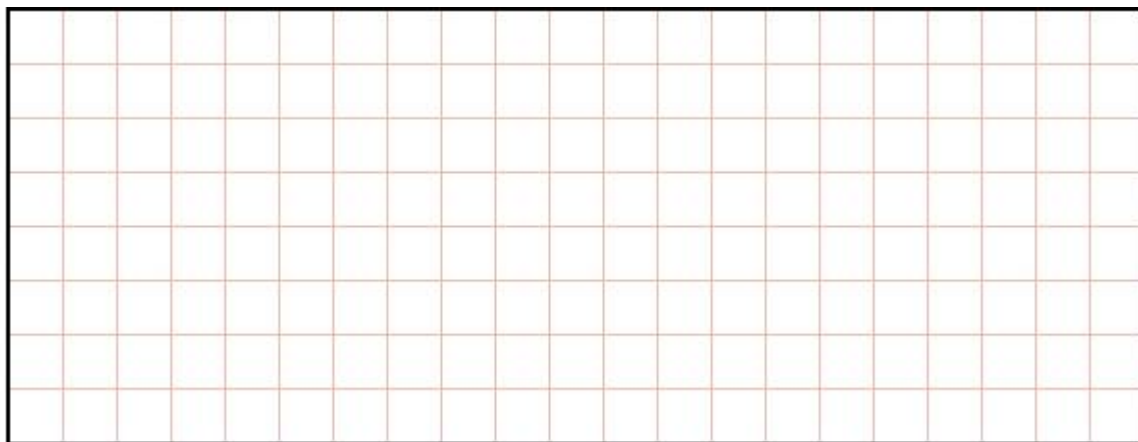
Q6.

$$\begin{array}{r} 3468 \\ \times \underline{62} \\ \hline \end{array}$$


2 marks

**Q7.**

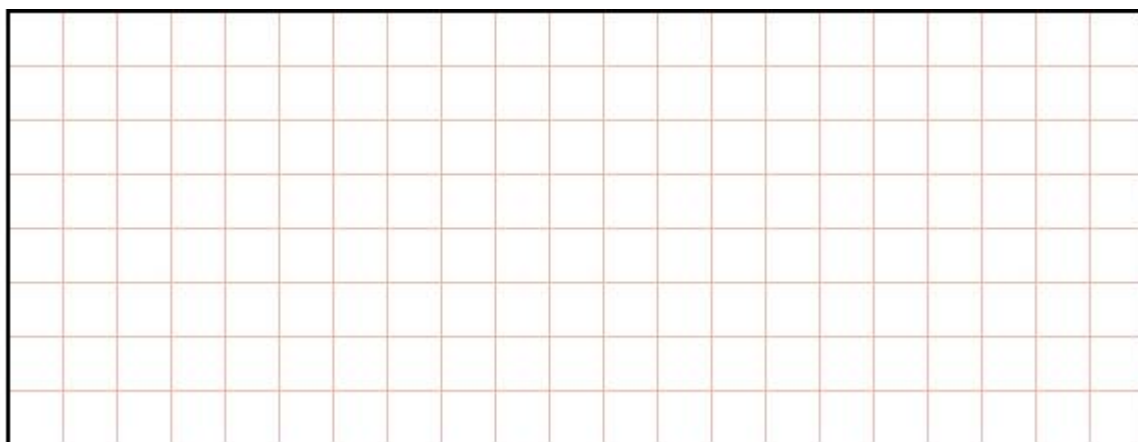
$250 \times 800 =$



1 mark

**Q8.**

$200 \times 480 =$



1 mark

## Mark schemes

**Q1.**

1,200

[1]

**Q2.**

3,500

[1]

**Q3.**

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.

$$\begin{array}{r} \cdot \quad 71 \\ \times \quad 46 \\ \hline 426 \\ \underline{2840} \\ 3260 \text{ (error)} \end{array}$$

**OR**

$$\begin{array}{r} \cdot \quad 71 \\ \times \quad 46 \\ \hline 426 \\ \underline{2440} \text{ (error)} \\ 2866 \end{array}$$

*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:*

$$\begin{array}{r} 71 \\ \times \quad 46 \\ \hline 426 \\ \underline{284} \text{ (place value error)} \\ 710 \end{array}$$

Up to 2m

[2]

**Q4.**

Award **TWO** marks for the correct answer of 1242.

If the answer is incorrect, award **ONE** mark for the formal method of long multiplication which contains no more than **ONE** arithmetical error, e.g:

$$\begin{array}{r} \cdot \quad 54 \\ \times \quad 23 \\ \hline \end{array}$$

162  
1080  
 wrong answer

**Do not** award any marks if:

- the error is in the place value, e.g. the omission of the zero when multiplying by tens:

$$\begin{array}{r} 54 \\ \times 23 \\ \hline 162 \\ \underline{108} \\ \text{wrong answer} \end{array}$$

- the final (answer) line of digits is missing.  
 Working must be carried through to reach an answer for the award of **ONE** mark.

**Commentary:** Two marks are awarded for the correct answer. However, if the answer is incorrect, one mark can only be awarded if the pupil has used the formal method of long multiplication.

Up to 2

[2]

**Q5.**

Award **TWO** marks for the correct answer of 22,572

If the answer is incorrect, award **ONE** mark for a formal method of long multiplication with no more than **ONE** arithmetic error, e.g.

- $$\begin{array}{r} 836 \\ \times 27 \\ \hline 5852 \\ \underline{16720} \\ 22602 \text{ (error)} \end{array}$$

**OR**

- $$\begin{array}{r} 836 \\ \times 27 \\ \hline 5612 \text{ (error)} \\ \underline{16720} \\ 22332 \end{array}$$

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:

$$\begin{array}{r} 836 \\ \times 27 \\ \hline 5852 \\ \underline{1672} \text{ (place value error)} \\ 7524 \end{array}$$

Up to 2m

[2]

**Q6.**

Award **TWO** marks for the correct answer of 215,016

If the answer is incorrect, award **ONE** mark for the formal method of long multiplication with no more than **ONE** arithmetic error, e.g.

$$\begin{array}{r} \cdot \\ \times \quad 3468 \\ \quad \underline{62} \\ \quad 6936 \\ \underline{208080} \\ 214016 \text{ (error)} \end{array}$$

**OR**

$$\begin{array}{r} \cdot \\ \times \quad 3468 \\ \quad \underline{62} \\ \quad 6934 \text{ (error)} \\ \underline{208080} \\ 215014 \end{array}$$

*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:*

$$\begin{array}{r} \quad 3468 \\ \times \quad \underline{62} \\ \quad 6936 \\ \underline{20808} \text{ (place value error)} \\ 27744 \end{array}$$

Up to 2m

[2]

**Q7.**

200,000

[1]

**Q8.**

96,000

[1]