**Multiplication quiz!**

**Q1.**

$$2195 \times 38$$

Show your method

2 marks

**Q2.**

$$3326 \times 29$$

Show your method

2 marks

**Q3.**

$$2376 \times 15$$

Show your method

2 marks

**Q4.**

$$\begin{array}{r} 729 \\ \times\ 54 \\ \hline \end{array}$$

Show your method

2 marks

**Q5.**

$$\begin{array}{r} 6574 \\ \times\ 31 \\ \hline \end{array}$$

Show your method

2 marks

**Q6.**

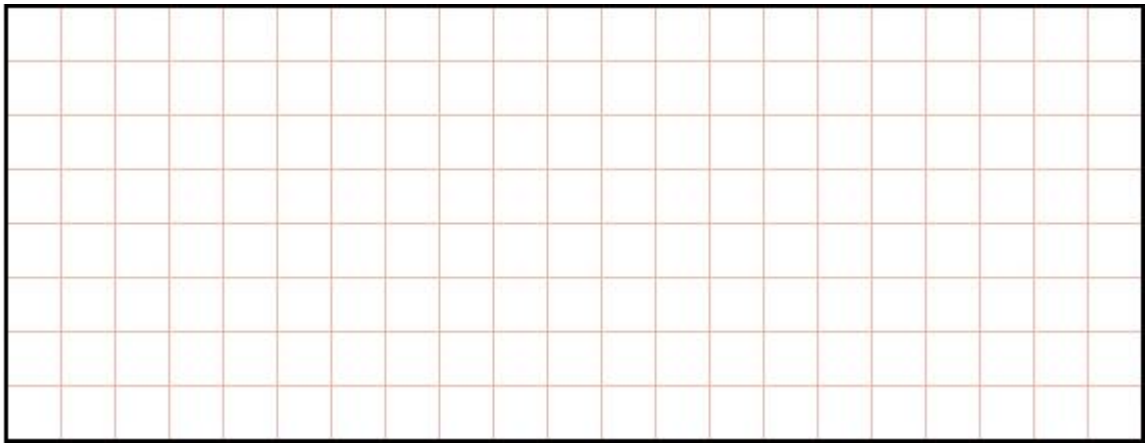
$$\begin{array}{r} 836 \\ \times\ 27 \\ \hline \end{array}$$

Show your method

2 marks

**Q7.**

$$\begin{array}{r} 3\,4\,6\,8 \\ \times\quad 6\,2 \\ \hline \end{array}$$

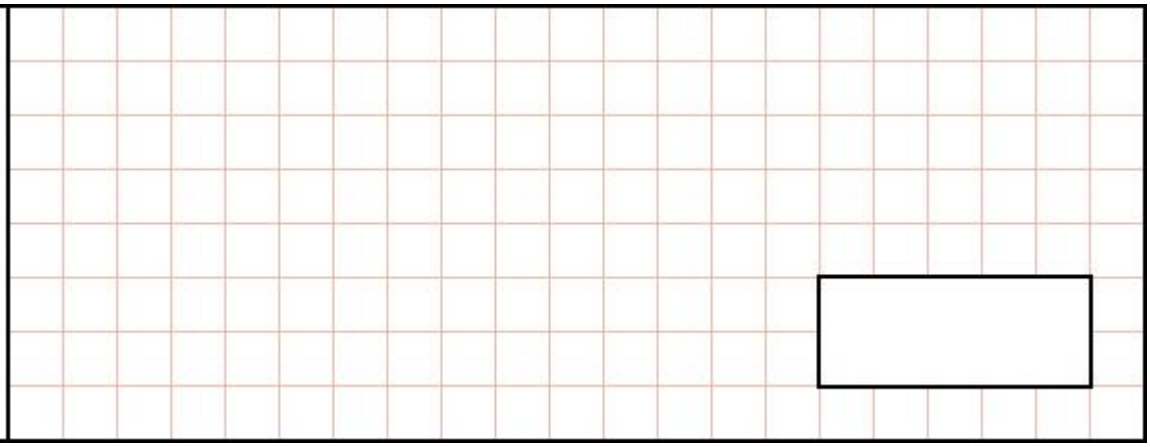


2 marks

**Q8.**

$$\begin{array}{r} 785 \\ \times\quad 23 \\ \hline \end{array}$$

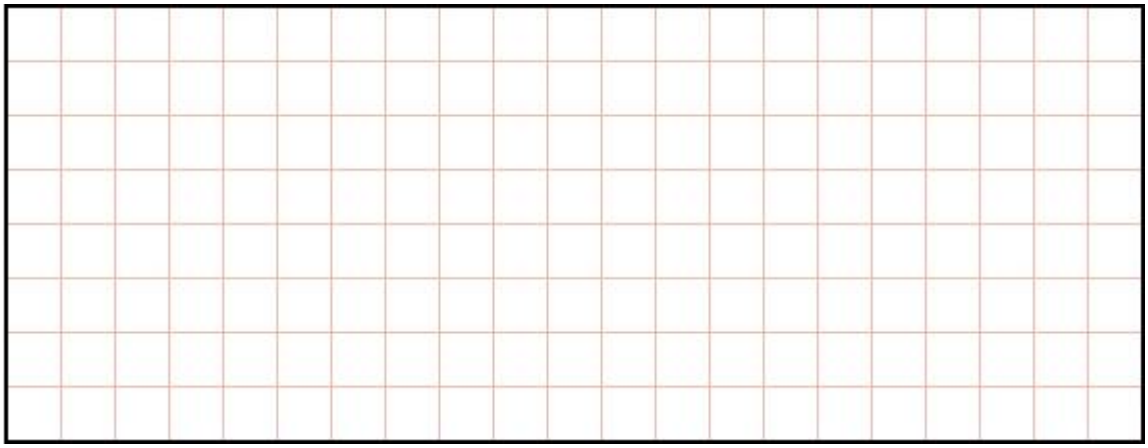
Show your method



2 marks

**Q9.**

879 × 3 =



1 mark

**Q10.**

$$\begin{array}{r} 4781 \\ \times\ 23 \\ \hline \end{array}$$

Show your method

2 marks

**Q11.**

$$\begin{array}{r} 418 \\ \times\ 46 \\ \hline \end{array}$$

Show your method

2 marks

My Total

11

Mark schemes

## Q1.

For 2 marks:
83 410
For 1 mark:

```
  2195
×   38
17560
65850
83410
```

*An error in one row, then added correctly,*
***or** an error in the addition*

**Up to 2**

**[2]**

## Q2.

For 2 marks:
96 454
For 1 mark:

```
  3326
x   29
29934
66520
96454
```

*An error in one row, then added correctly,*
***or** an error in the addition*

**Up to 2**

**[2]**

## Q3.

Award **TWO** marks for the correct answer of 35640
If the answer is incorrect award **ONE** mark for evidence of using the formal method of long multiplication which contains no more than one arithmetical error, eg:

■

```
  2376
×   15
 11880
 23760
```

wrong answer

*Working must be carried through to reach an answer for the award of **ONE** mark.*
*In all cases accept follow-through of **ONE** error in working.*
***Do not** award any marks if:*

■ *The error is in the place value, eg by omission of the zero when multiplying by tens eg:*

```
  2376
×   15
 11880
  2376
```

*wrong answer*

■ *The final (answer) line of digits is missing*

**Up to 2**

**[2]**

## Q4.

For 2 marks:
39 366
For 1 mark:
729

× 54
2916
36 450
39 366

*An error in one row, then added correctly,*
***or** an error in the addition*

**Up to 2**

**[2]**

## Q5.

Award **TWO** marks for the correct answer of 203,794
If the answer is incorrect, award **ONE** mark for the formal method of long multiplication with no more than **ONE** arithmetical error,
e.g.

·  6574
× 31
6574
143790 *(error)*
150364

**OR**

·  6574
× 31
6574
197220
193794 *(error)*

*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:*

*6574*
*× 31*
*6574*
*19722* *(place value error)*
*26296*

**Up to 2m**

**[2]**

## Q6.

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.

•  836
× 27
5852
16720
22602 *(error)*

**OR**

•  836
× 27
5612 *(error)*
16720
22332

*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:*

*836*
*× 27*

*5852*
*1672 (place value error)*
*7524*

**Up to 2m**

**[2]**

## Q7.

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.

•
```
  3468
×   62
  6936
208080
214016 (error)
```

**OR**

•
```
  3468
×   62
  6934 (error)
208080
215014
```

*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:*

```
  3468
×   62
  6936
20808 (place value error)
27744
```

**Up to 2m**

**[2]**

## Q8.

Award **TWO** marks for the correct answer of 18,055
If the answer is incorrect, award **ONE** mark for a formal method of long multiplication with no more than **ONE** arithmetic error, e.g.

•
```
  785
×  23
 2355
15700
18155 (error)
```

**OR**

•
```
  785
×  23
 2345 (error)
15700
18045
```

*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:*

```
  785
×  23
 2355
1570  (place value error)
3925
```

**Up to 2m**

**[2]**

## Q9.

2,637

**[1]**

## Q10.

Award **TWO** marks for the correct answer of 109,963
If the answer is incorrect, award **ONE** mark for a formal method of long multiplication with no more than **ONE** arithmetical error, e.g.

```
•    4781
   ×  23
    14343
   95620
   209963 (error)
```

**OR**

```
•    4781
   ×  23
    14343
   95630  (error)
   109973
```

*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:*

```
  4781
× 23
14343
 9562 (place value error)
23905
```

**Up to 2m**

**[2]**

## Q11.

Award **TWO** marks for the correct answer of 19,228
If the answer is incorrect, award **ONE** mark for the formal method of long multiplication with no more than **ONE** arithmetic error, e.g.

```
•    418
   ×  46
    2508
   16720
   18228 (error)
```

**OR**

```
•    418
   ×  46
    2508
   16620  (error)
   19128
```

*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:*

- *418*
  *× 46*
  *2508*
  *1672 (place value error)*
  *4180*

**Up to 2m**

**[2]**