

Fluent in Five

Daily Arithmetic Practice
Week 8

Year 5


Year 5 - Week 8


Please note, we always recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.


This week in a nutshell


- Pupils are introduced to multiplying fractions by whole numbers. For both of these styles of questions, answers can be given in any equivalent form.
- Mental multiplication and division skills from the previous 7 weeks are recapped throughout the week, and pupils are also introduced to mentally multiplying by 25 for the first time.
- This week, pupils are introduced to questions which involve the multiplication of two 2-digit numbers using a written method for the first time.


Note, questions which require the use of a written method to multiply a 2-digit number by a 2-digit number will always gain 2 marks in the arithmetic test. In these questions, a method mark is awarded where there is no more than 1 arithmetic error in a complete method.

| | | |
|---|---|--|
| 1 | $57,694 + 67,896 =$  <input data-bbox="1029 712 1305 824" type="text"/> | <input data-bbox="1390 712 1469 786" type="checkbox"/> 1 mark |
|---|---|--|

| | | |
|---|---|--|
| 2 | $\frac{1}{3} + \frac{1}{3} =$  <input data-bbox="1029 1332 1305 1444" type="text"/> | <input data-bbox="1390 1332 1469 1406" type="checkbox"/> 1 mark |
|---|---|--|

| | | |
|---|---|--|
| 3 | $5 \times 25 =$  <input data-bbox="1029 1955 1305 2067" type="text"/> | <input data-bbox="1390 1955 1469 2029" type="checkbox"/> 1 mark |
|---|---|--|

| | | |
|---|--|---|
| 4 | $75 \times 21 =$  | <input data-bbox="1390 703 1466 779" type="checkbox"/> 2 marks |
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| | | |
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| 5 | $42 \div 7 =$  | <input data-bbox="1390 1328 1466 1404" type="checkbox"/> 1 mark |
|---|---|--|

Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.


1. $57,694 + 67,896 = \mathbf{125,590}$ (W)

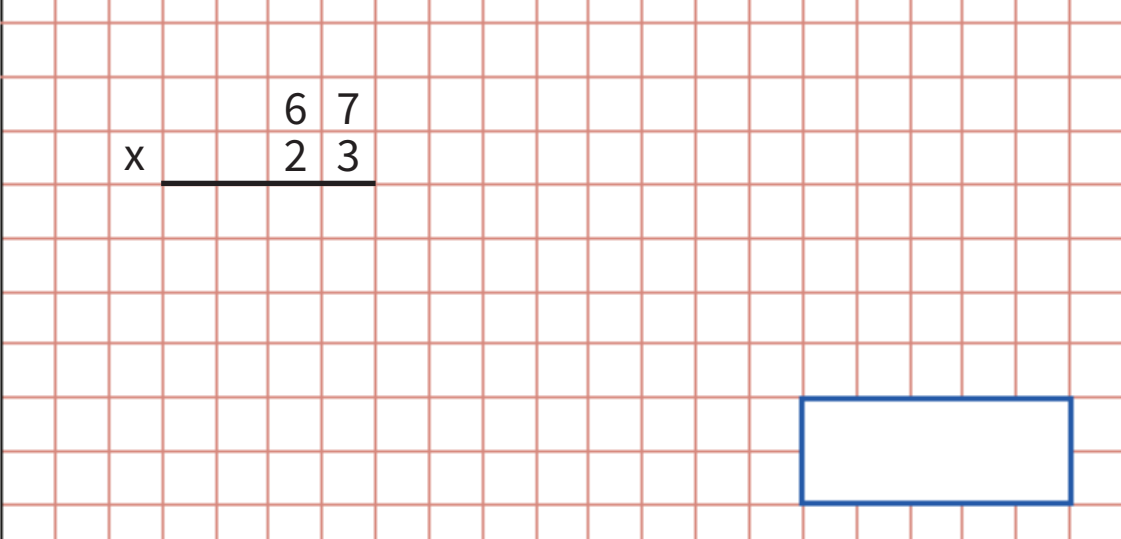
2. $\frac{1}{3} + \frac{1}{3} = \frac{\mathbf{2}}{\mathbf{3}}$ (M)


3. $5 \times 25 = \mathbf{125}$ (M)

4. $75 \times 21 = \mathbf{1,575}$ (W)

5. $42 \div 7 = \mathbf{6}$ (M)

| | | |
|--|------------------|------------------------------------|
| 1 | $347 \times 6 =$ | |
|  | | <input type="checkbox"/> 1 mark |

| | | |
|---|---|-------------------------------------|
| 2 | $\begin{array}{r} 67 \\ x 23 \\ \hline \end{array}$ | |
|  | | <input type="checkbox"/> 2 marks |

| | | |
|--|-------------------------------|------------------------------------|
| 3 | $\frac{1}{8} + \frac{6}{8} =$ | |
|  | | <input type="checkbox"/> 1 mark |

Fluent in Five - Year 5
Week 8 - Day 2

4

$11 \times 25 =$

1 mark

5

$\frac{2}{5} \times 3 =$

1 mark

Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

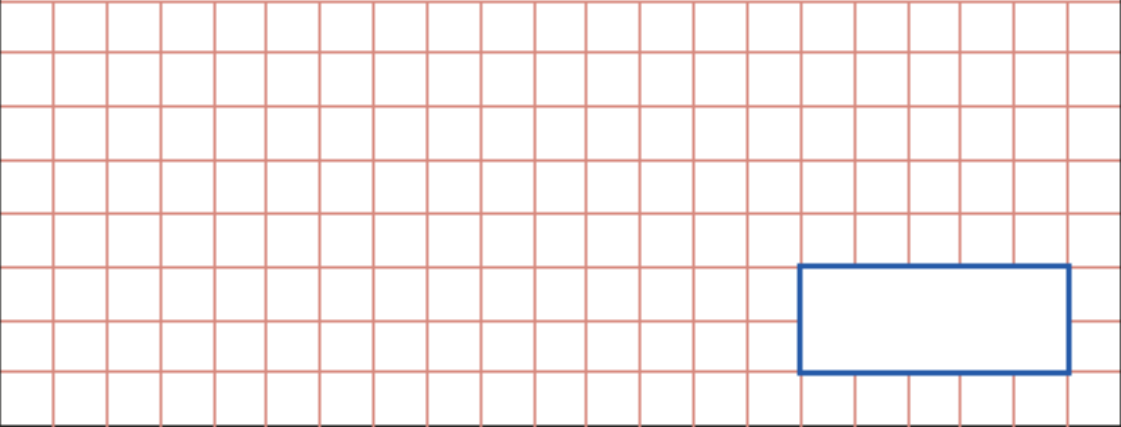
1. $347 \times 6 = \mathbf{2,082}$ (W)

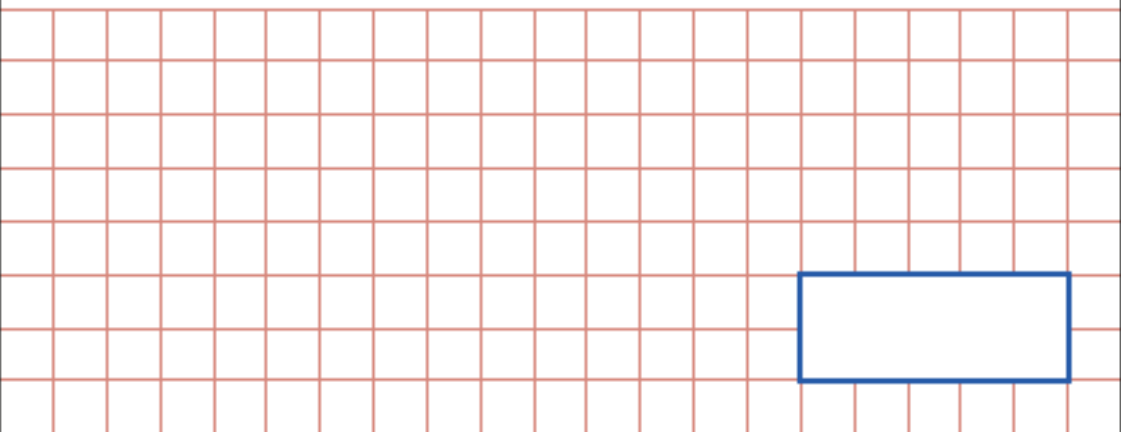
2. $67 \times 23 = \mathbf{1,541}$ (W)

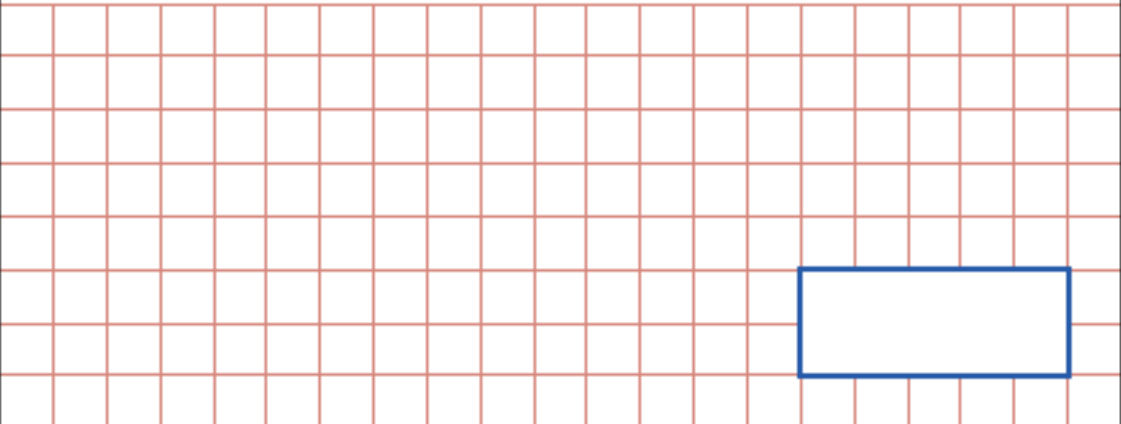
3. $\frac{1}{8} + \frac{6}{8} = \frac{\mathbf{7}}{\mathbf{8}}$ (M)

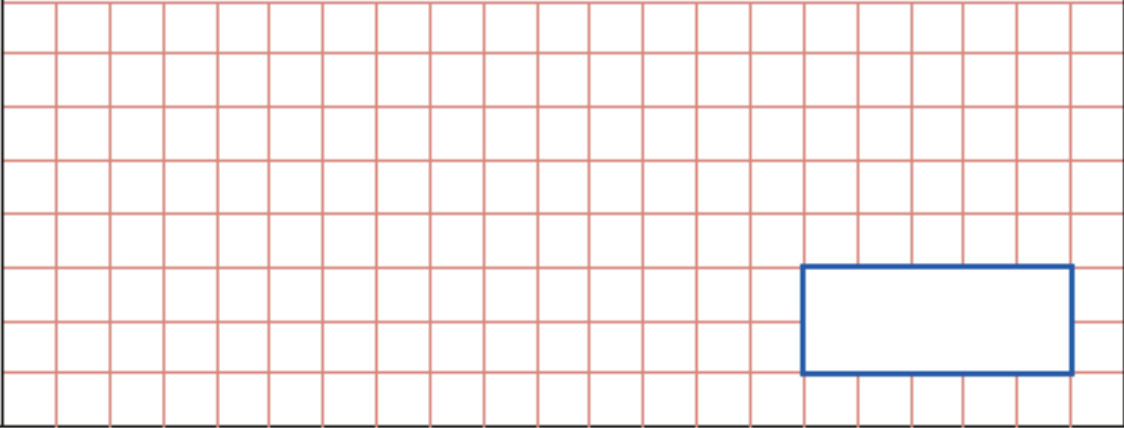
4. $11 \times 25 = \mathbf{275}$ (M)

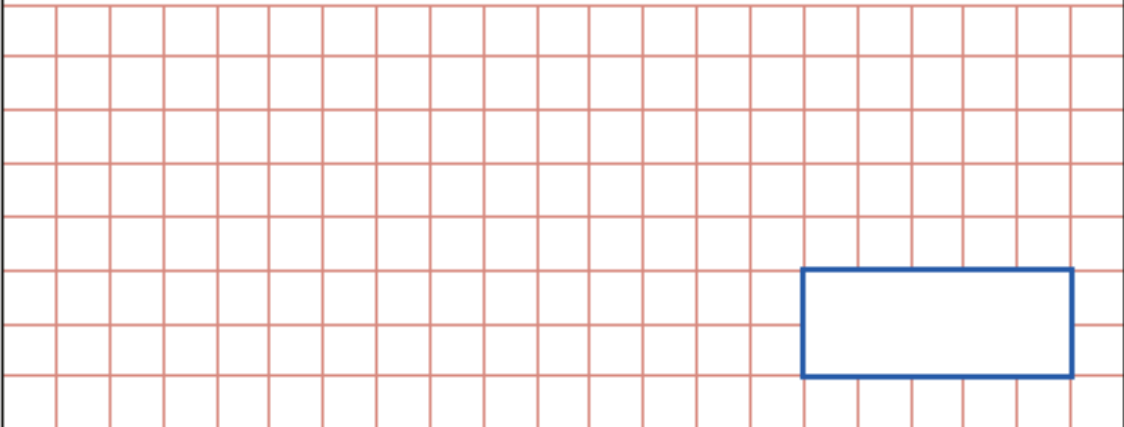
5. $\frac{2}{5} \times 3 = \frac{\mathbf{6}}{\mathbf{5}}$ or $\mathbf{1\frac{1}{5}}$ (M)

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|----------|------------------|--|-------------------------------------|
| 1 | $34 \times 21 =$ |  | <input type="checkbox"/> 2 marks |
|----------|------------------|--|-------------------------------------|

| | | | |
|----------|----------------|--|------------------------------------|
| 2 | $784 \div 9 =$ |  | <input type="checkbox"/> 1 mark |
|----------|----------------|--|------------------------------------|

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|----------|----------------------------------|--|------------------------------------|
| 3 | $\frac{1}{15} + \frac{11}{15} =$ |  | <input type="checkbox"/> 1 mark |
|----------|----------------------------------|--|------------------------------------|

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|---|--|--|
| 4 | $\frac{1}{3} \times 2 =$  | <input data-bbox="1390 703 1469 779" type="checkbox"/> 1 mark |
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|---|--|--|
| 5 | $20 \times 25 =$  | <input data-bbox="1390 1326 1469 1402" type="checkbox"/> 1 mark |
|---|--|--|

Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1. $34 \times 21 = \mathbf{714}$ (W)

2. $784 \div 9 = \mathbf{87\frac{1}{9}}$ or $\mathbf{87\ r\ 1}$ (W)

3. $\frac{1}{15} + \frac{11}{15} = \frac{\mathbf{12}}{\mathbf{15}}$ (M)

4. $\frac{1}{3} \times 2 = \frac{\mathbf{2}}{\mathbf{3}}$ (M)

5. $20 \times 25 = \mathbf{500}$ (M)

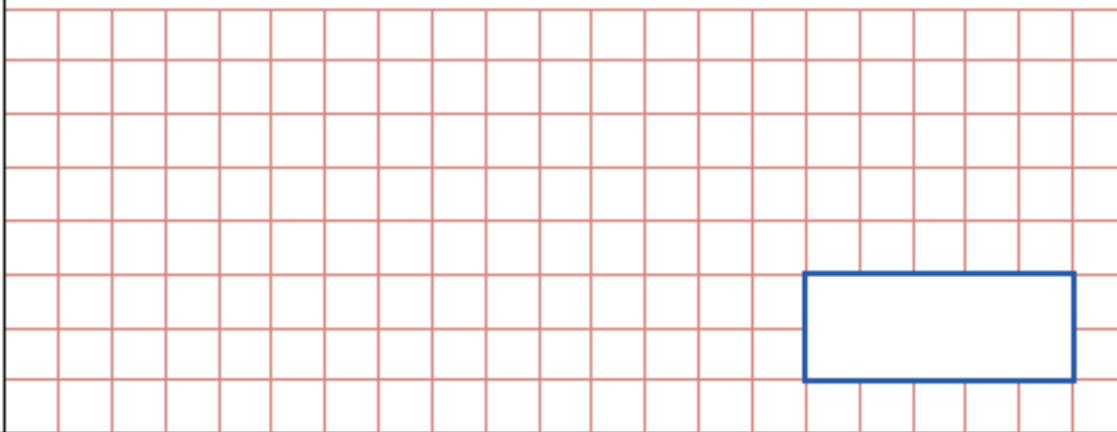
| | | |
|----------|------------------|--------------------------------|
| 1 | $879 \times 9 =$ | <input type="text"/> 1 mark |
|----------|------------------|--------------------------------|

| | | |
|----------|------------------------------------|--------------------------------|
| 2 | <input type="text"/> $\div 3 = 20$ | <input type="text"/> 1 mark |
|----------|------------------------------------|--------------------------------|

| | | |
|----------|--------------------------|--------------------------------|
| 3 | $\frac{3}{5} \times 2 =$ | <input type="text"/> 1 mark |
|----------|--------------------------|--------------------------------|

4

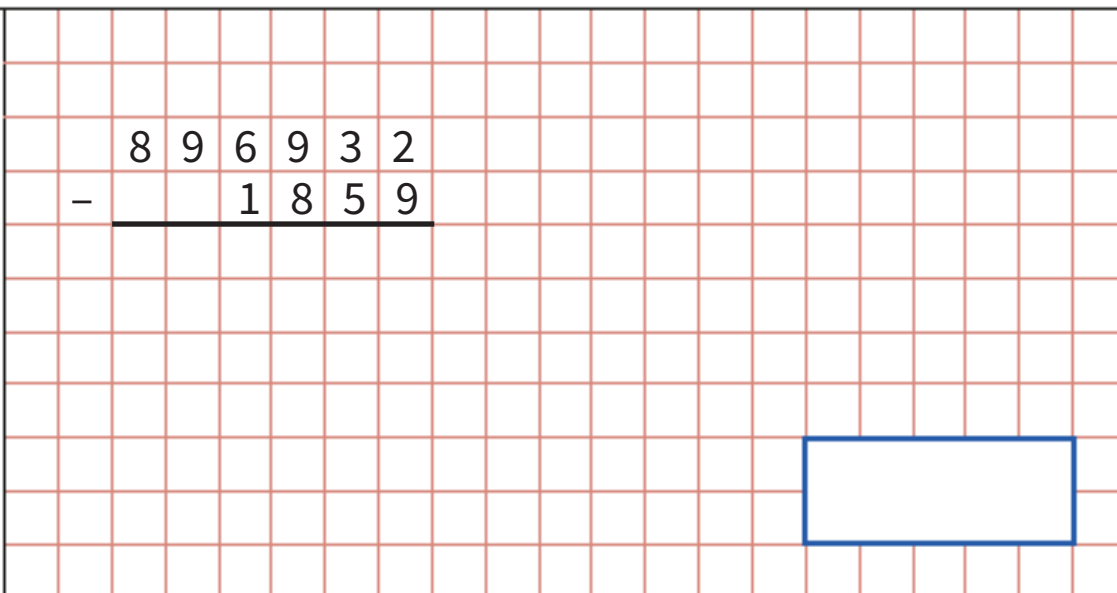
$60 \times 60 =$



1 mark

5

$$\begin{array}{r} 896932 \\ - \quad 1859 \\ \hline \end{array}$$

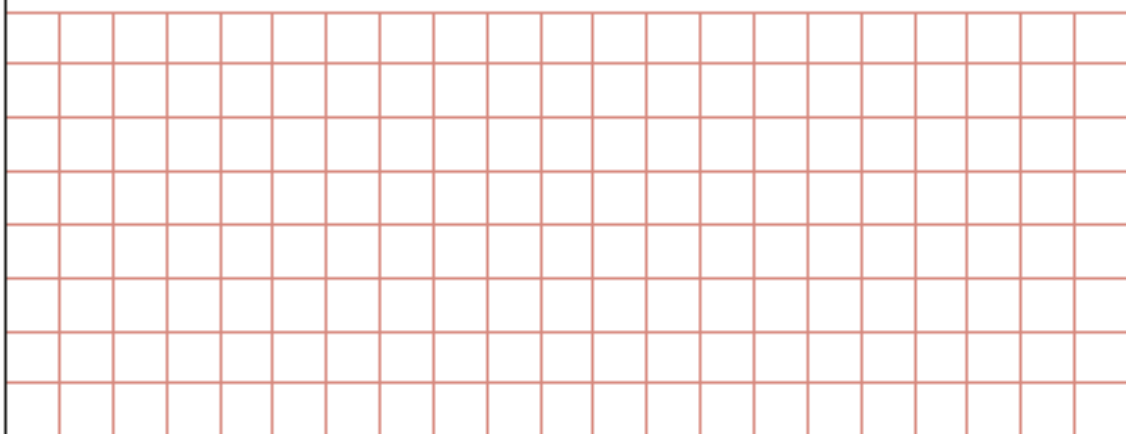


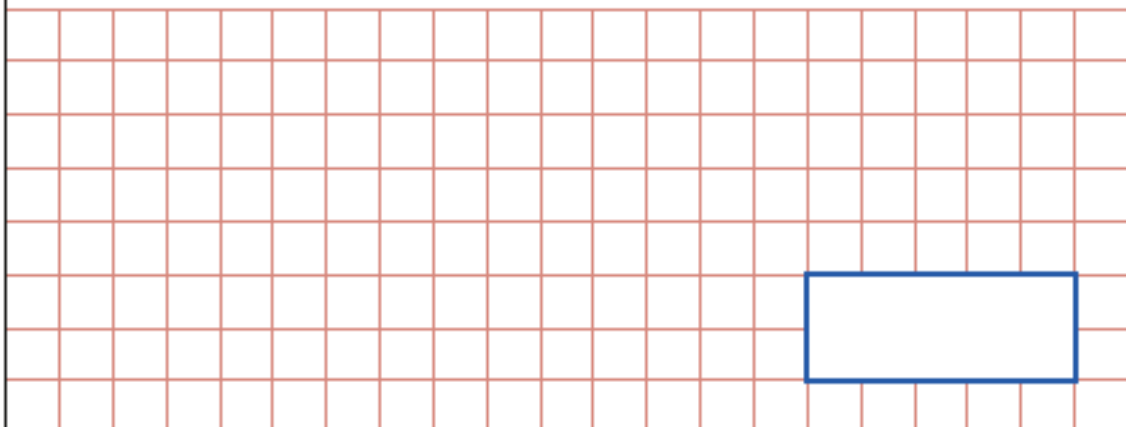
1 mark


Answer Sheet


Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.


1. $879 \times 9 = \mathbf{7,911}$ (W)
2. $\mathbf{60} \div 3 = 20$ (M)
3. $\frac{3}{5} \times 2 = \frac{\mathbf{6}}{\mathbf{5}}$ or $\mathbf{1} \frac{\mathbf{1}}{\mathbf{5}}$ (M)
4. $60 \times 60 = \mathbf{3,600}$ (M)
5. $896,932 - 1,859 = \mathbf{895,073}$ (W)

| | | |
|---|--|---|
| 1 | $65 \times 13 =$  | <input data-bbox="1369 719 1449 797" type="checkbox"/> 2 marks |
|---|--|---|

| | | |
|---|--|--|
| 2 | $\frac{2}{7} \times 3 =$  | <input data-bbox="1369 1341 1449 1420" type="checkbox"/> 1 mark |
|---|--|--|

| | | |
|---|--|--|
| 3 | $25 \times 25 =$  | <input data-bbox="1369 1962 1449 2040" type="checkbox"/> 1 mark |
|---|--|--|

| | | |
|--|--|--|
| 4 | $\frac{1}{5}$ of <input data-bbox="392 297 667 409" type="text"/> = 15 | <input data-bbox="1390 707 1465 779" type="checkbox"/> 1 mark |
|  | | |

| | | |
|--|-----------|--|
| 5 | 392 ÷ 6 = | <input data-bbox="1390 1305 1465 1377" type="checkbox"/> 1 mark |
|  | | |

Answer Sheet

Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1. $65 \times 13 = \mathbf{845}$ (W)

2. $\frac{2}{7} \times 3 = \frac{\mathbf{6}}{7}$ (M)

3. $25 \times 25 = \mathbf{625}$ (M)

4. $\frac{1}{5}$ of $\mathbf{75} = 15$ (M)

5. $392 \div 6 = \mathbf{65 \text{ r } 2}$ or $\mathbf{65 \frac{2}{6}}$ or $\mathbf{65 \frac{1}{3}}$ or $\mathbf{65.33}$ (W)