

Fluent in Five

Daily Arithmetic Practice
Week 12

Year 6

Year 6 - Week 12

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

- Questions this week will recap on all the skills introduced over the past 11 weeks with no new content being introduced.
- Recapped content includes calculating percentages of amounts, adding and subtracting fractions with different denominators and applying an understanding of the order of operations.

1	$1.45 \times 3 =$	<div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div> <div>1 mark</div>

2	$7,894 - \boxed{} = 3,858$	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div> <div>1 mark</div>

3	$\frac{3}{4} \times 12 =$	<div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div> <div>1 mark</div>

4

$$65 \times 23 =$$

2 marks

5

$$6 + 3 \times 8 + 2 =$$

1 mark

6

$$\frac{3}{5} - \frac{1}{10} =$$

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. $1.45 \times 3 = \mathbf{4.35}$ (M)

2. $7,894 - \mathbf{4,036} = 3,858$ (W)

3. $\frac{3}{4} \times 12 = \mathbf{9}$ (M)

4. $65 \times 23 = \mathbf{1,495}$ (W)

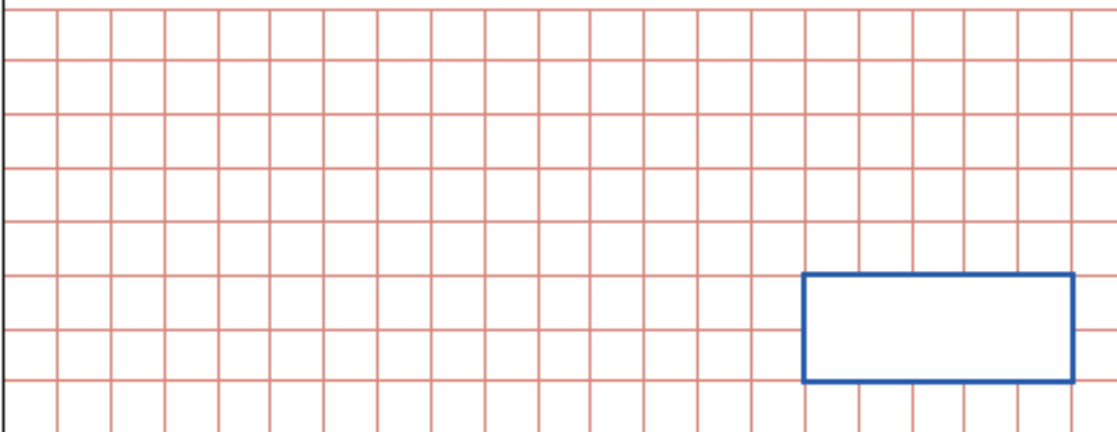
5. $6 + 3 \times 8 + 2 = \mathbf{32}$ (M)

6. $\frac{3}{5} - \frac{1}{10} = \frac{\mathbf{5}}{\mathbf{10}}$ or $\frac{\mathbf{1}}{\mathbf{2}}$ (M)

Name.....
Date.....School.....
Class.....Score.....

1

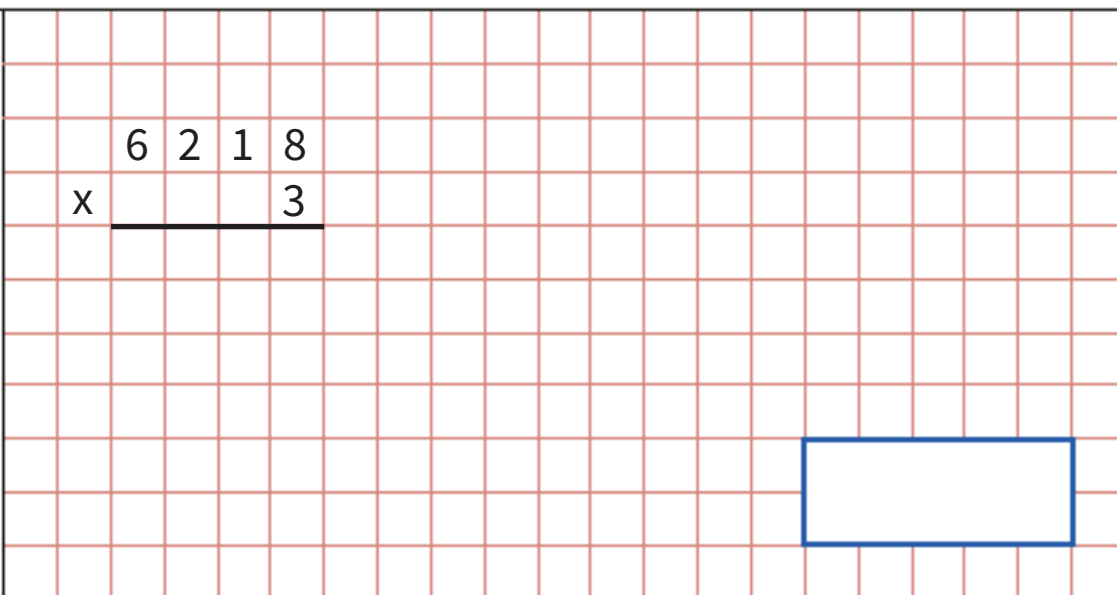
$6 \times 80 =$

☐

1 mark

2

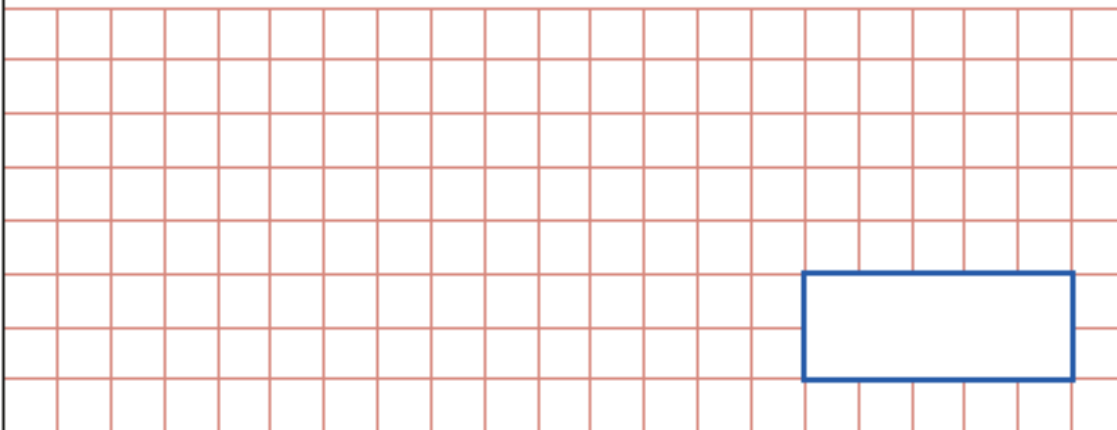
$$\begin{array}{r} 6218 \\ \times \quad 3 \\ \hline \end{array}$$

☐

1 mark

3

$19 + 27 =$

☐

1 mark

4

$$84 \times 3 =$$

1 mark

5

$$981 + 34,894 =$$

1 mark

6

$$183 \times 100 =$$

1 mark

Answer Sheet

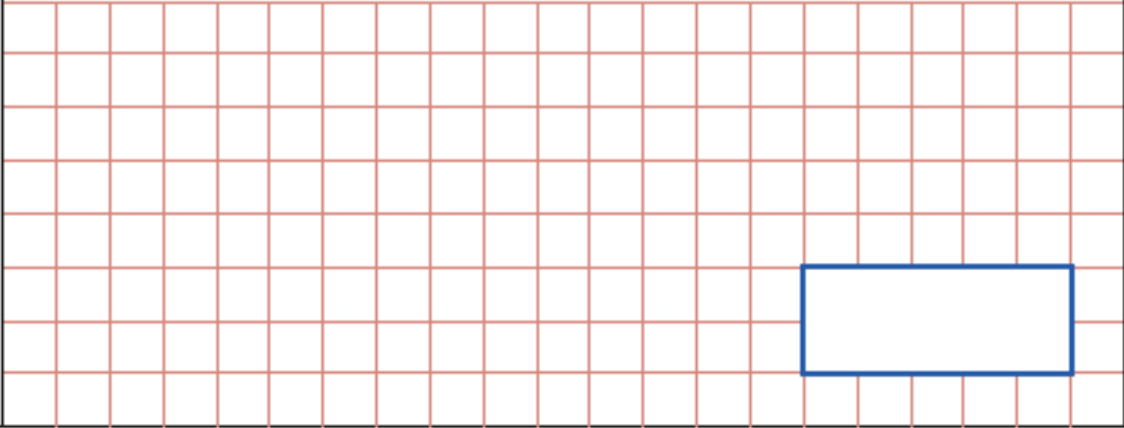


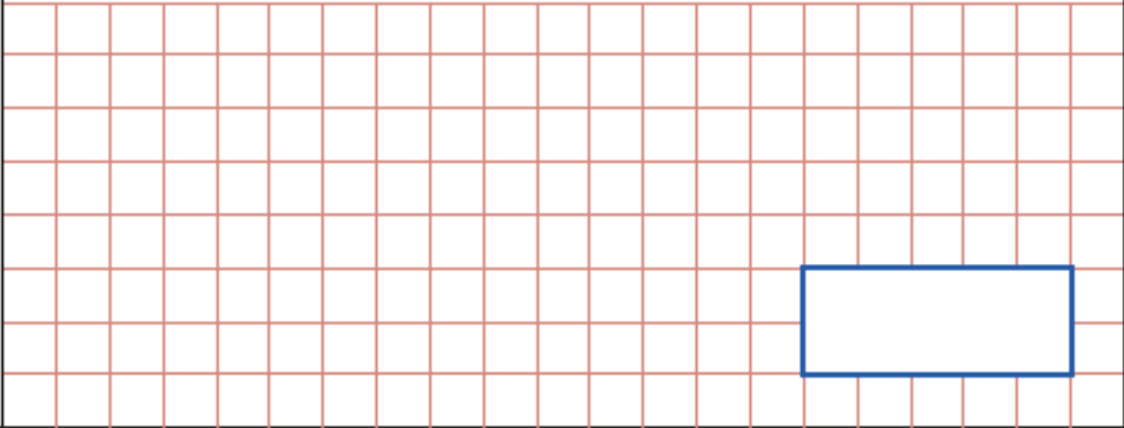


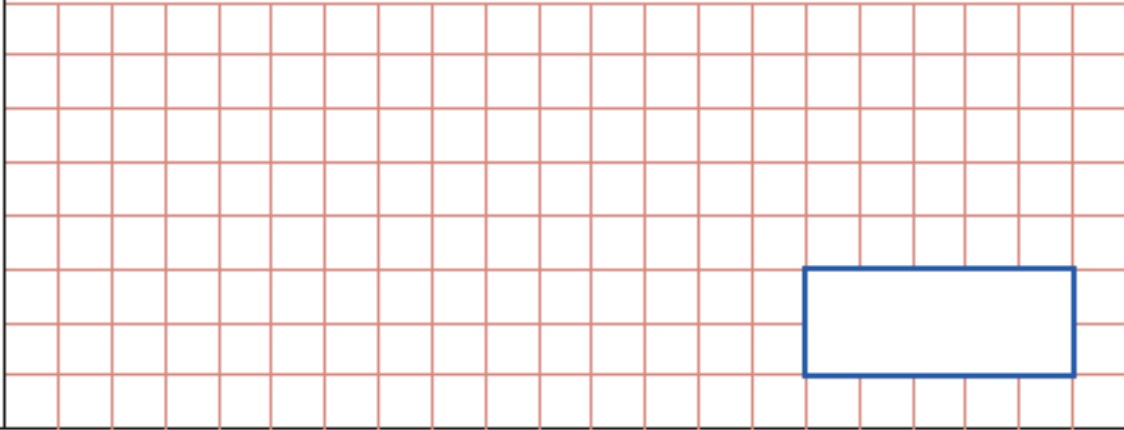


Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1. $6 \times 80 = \mathbf{480}$ (M)
2. $6,218 \times 3 = \mathbf{18,654}$ (W)
3. $19 + 27 = \mathbf{46}$ (M)
4. $84 \times 3 = \mathbf{252}$ (M)
5. $981 + 34,894 = \mathbf{35,875}$ (W)
6. $183 \times 100 = \mathbf{18,300}$ (M)

I mark

1 mark

1 mark

4	<div data-bbox="279 302 454 353">$87 - 29 =$</div> <div data-bbox="228 443 1356 869"></div> <div data-bbox="1029 705 1305 817"></div>	<div data-bbox="1388 705 1468 772"></div> <div data-bbox="1388 779 1468 810">1 mark</div>
5	<div data-bbox="279 925 534 976">$55\% \text{ of } 120 =$</div> <div data-bbox="228 1066 1356 1491"></div> <div data-bbox="1029 1328 1305 1440"></div>	<div data-bbox="1388 1328 1468 1395"></div> <div data-bbox="1388 1402 1468 1433">1 mark</div>
6	<div data-bbox="279 1547 481 1599">$98 + 165 =$</div> <div data-bbox="228 1688 1356 2116"></div> <div data-bbox="1029 1951 1305 2063"></div>	<div data-bbox="1388 1951 1468 2018"></div> <div data-bbox="1388 2024 1468 2056">1 mark</div>

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. $562 \div 8 = \mathbf{70 \text{ r } 2}$ (W)

2. $569 \times 8 = \mathbf{4,552}$ (W)

3. $654 \div 100 = \mathbf{6.54}$ (M)

4. $87 - 29 = \mathbf{58}$ (M)

5. 55% of 120 = **66** (M)

6. $98 + 165 = \mathbf{263}$ (M)

1

$$675 \div 6 =$$

☐

1 mark

2

$$604 - 176 =$$

☐

1 mark

3

$$76.439 + 67.842 =$$

☐

1 mark

4

$$1.8 \div 0.2 =$$

1 mark

5

$$654 + 230 =$$

1 mark

6

$$560 \div 8 =$$

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. $675 \div 6 = \mathbf{112 \text{ r } 3}$ or $\mathbf{112.5}$ or $\mathbf{112 \frac{3}{6}}$ (W)

2. $604 - 176 = \mathbf{428}$ (M)

3. $76.439 + 67.842 = \mathbf{144.281}$ (W)

4. $1.8 \div 0.2 = \mathbf{9}$ (M)

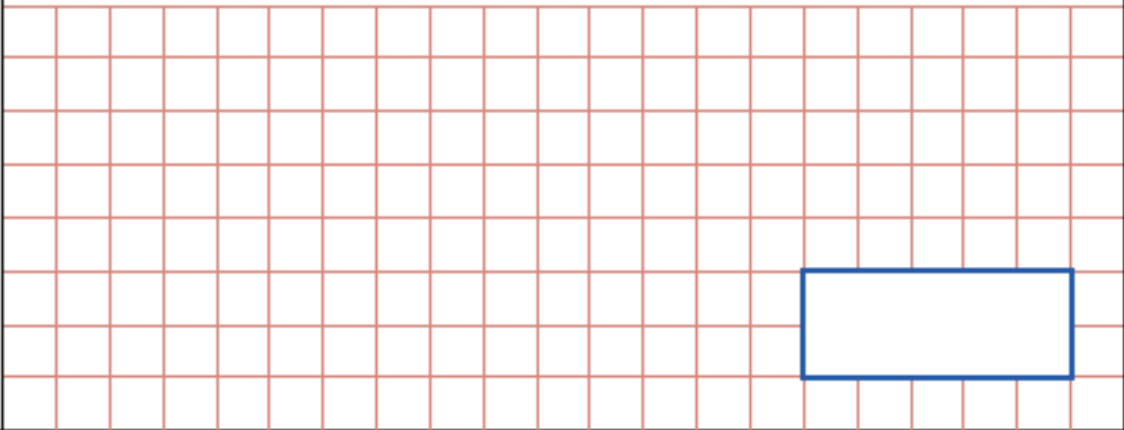
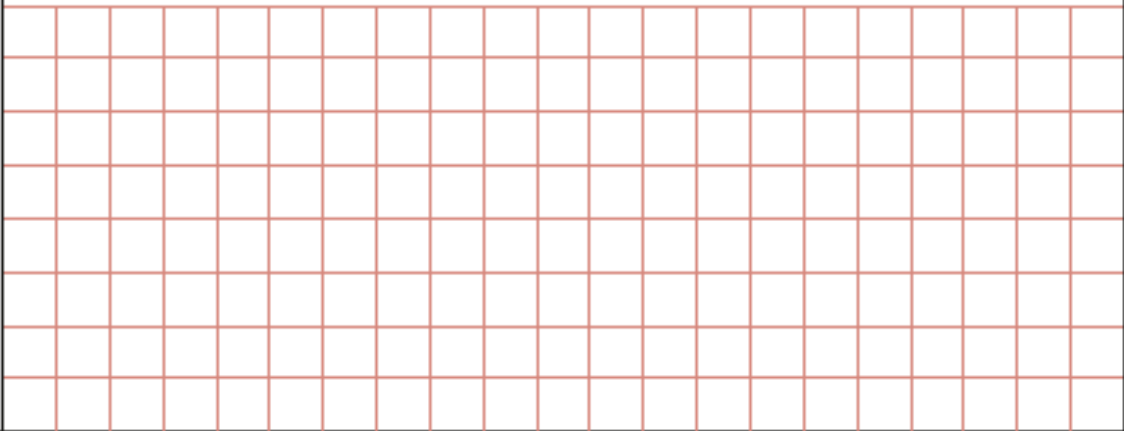

5. $654 + 230 = \mathbf{884}$ (M)

6. $560 \div 8 = \mathbf{70}$ (M)

1	900 x 80 =	<div></div> <div>1 mark</div>

2	6,549 x 3 =	<div></div> <div>1 mark</div>

3	<div></div> = $\frac{1}{5} \times 25$	<div></div> <div>1 mark</div>

4	$8^2 \times 2 =$  <div data-bbox="1029 705 1305 819" style="border: 1px solid blue; width: 173px; height: 51px; position: absolute; bottom: 20px; right: 20px;"></div>	<div data-bbox="1390 705 1468 779" style="border: 1px solid black; width: 49px; height: 33px; position: absolute; bottom: 20px; right: 20px;"></div> <div data-bbox="1385 779 1473 813" style="position: absolute; bottom: 20px; right: 20px;">1 mark</div>
5	650×4 	<div data-bbox="1390 1328 1468 1402" style="border: 1px solid black; width: 49px; height: 33px; position: absolute; bottom: 20px; right: 20px;"></div> <div data-bbox="1385 1402 1473 1435" style="position: absolute; bottom: 20px; right: 20px;">1 mark</div>
6	$56,789 - 1,294.76 =$  <div data-bbox="1029 1939 1305 2054" style="border: 1px solid blue; width: 173px; height: 51px; position: absolute; bottom: 20px; right: 20px;"></div>	<div data-bbox="1390 1939 1468 2013" style="border: 1px solid black; width: 49px; height: 33px; position: absolute; bottom: 20px; right: 20px;"></div> <div data-bbox="1385 2013 1473 2047" style="position: absolute; bottom: 20px; right: 20px;">1 mark</div>

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. $900 \times 80 = \mathbf{72,000}$ (M)
2. $6,549 \times 3 = \mathbf{19,647}$ (W)
3. $\mathbf{5} = \frac{1}{5} \times 25$ (M)
4. $8^2 \times 2 = \mathbf{128}$ (M)
5. $650 \times 4 = \mathbf{2,600}$ (M)
6. $56,789 - 1,294.76 = \mathbf{55,494.24}$ (W)