

Fluent in Five

Daily Arithmetic Practice
Week 7

Year 5

Year 5 - Week 7

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


- Mental multiplication of two multiples of 10 or 100 is introduced for the first time (e.g. 50×20).
- Questions continue to focus on finding fractions of amount and pupils are introduced to the 'fraction x number =' notation for the first time (e.g. $\frac{1}{5} \times 15 = 3$).
- Written methods continue to focus on short multiplication, together with the addition and subtraction of whole numbers with 5 or more digits.


1	$2.43 \times 10 =$	<div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark

2	$60 \times 70 =$	<div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark

3	$\frac{3}{7}$ of 28 =	<div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: 0 auto;"></div> 1 mark

Fluent in Five - Year 5
Week 7 - Day 1

4	$343 \times 7 =$  <div data-bbox="1031 707 1303 819" style="border: 2px solid blue; width: 171px; height: 50px; position: absolute; top: 316px; left: 646px;"></div>	<div data-bbox="1390 703 1469 781" style="border: 1px solid black; width: 50px; height: 35px; position: absolute; top: 314px; left: 871px;"></div> <div data-bbox="1385 781 1474 810" style="position: absolute; top: 349px; left: 868px;">1 mark</div>
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5	$11,664 + 23,349 =$  <div data-bbox="1031 1328 1303 1440" style="border: 2px solid blue; width: 171px; height: 50px; position: absolute; top: 593px; left: 646px;"></div>	<div data-bbox="1390 1323 1469 1402" style="border: 1px solid black; width: 50px; height: 35px; position: absolute; top: 591px; left: 871px;"></div> <div data-bbox="1385 1402 1474 1431" style="position: absolute; top: 626px; left: 868px;">1 mark</div>
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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. $2.43 \times 10 = \mathbf{24.3}$ (M)
2. $60 \times 70 = \mathbf{4,200}$ (M)
3. $\frac{3}{7}$ of 28 = **12** (M)
4. $343 \times 7 = \mathbf{2,401}$ (W)
5. $11,664 + 23,349 = \mathbf{35,013}$ (W)

1	$3,763 \div 3 =$	<div></div> <div>1 mark</div>

2	$30 \times 60 =$	<div></div> <div>1 mark</div>

3	$\frac{1}{3} + \frac{1}{3} =$	<div></div> <div>1 mark</div>

4	$\frac{7}{12} \times 144 =$ <div style="border: 1px solid red; height: 100px; width: 100%;"></div> <div style="border: 2px solid blue; width: 150px; height: 30px; margin: 10px auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div> <p>1 mark</p>
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5	$17,953 - 11,695 =$ <div style="border: 1px solid red; height: 100px; width: 100%;"></div> <div style="border: 2px solid blue; width: 150px; height: 30px; margin: 10px auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 10px auto;"></div> <p>1 mark</p>
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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. $3,763 \div 3 = \mathbf{1254 \text{ r } 1}$ or $\mathbf{1254.33}$ or $\mathbf{1254\frac{1}{3}}$ (W)

2. $30 \times 60 = \mathbf{1,800}$ (M)

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

4. $\frac{7}{12} \times 144 = \mathbf{84}$ (M)

5. $17,953 - 11,695 = \mathbf{6,258}$ (W)

1	$40 \times 70 =$																				<input type="text"/> 1 mark

2	$431 \times 7 =$																				<input type="text"/> 1 mark

3	$\frac{1}{7} \times 140 =$																				<input type="text"/> 1 mark

4	$\frac{2}{6} + \frac{3}{6} =$ <div style="border: 1px solid red; height: 100px; width: 100%;"></div> <div style="border: 2px solid blue; width: 150px; height: 40px; position: absolute; bottom: 20px; right: 20px;"></div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <p>1 mark</p>
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5	$18,035 + $ <div style="border: 2px solid blue; width: 150px; height: 40px; display: inline-block;"></div> $= 130,439$ <div style="border: 1px solid red; height: 100px; width: 100%;"></div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div> <p>1 mark</p>
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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. $40 \times 70 = \mathbf{2,800}$ (M)

2. $431 \times 7 = \mathbf{3,017}$ (W)

3. $\frac{1}{7} \times 140 = \mathbf{20}$ (M)

4. $\frac{2}{6} + \frac{3}{6} = \frac{\mathbf{5}}{\mathbf{6}}$ (M)

5. $18,035 + \mathbf{112,404} = 130,439$ (W)

1

$$700 + \boxed{} = 2,000$$



1 mark

2

$$3 + 5 + 3 =$$



1 mark

3

$$300 \times 300 =$$



1 mark

4		$9,321 \times 6 =$	
		<div style="border: 2px solid blue; width: 150px; height: 40px;"></div>	<div style="border: 1px solid black; width: 30px; height: 30px; margin: auto;"></div> <p>1 mark</p>

5	<div style="margin-bottom: 10px;">$89,932 - 54,837 =$</div> <div style="height: 150px; background-color: #f0f0f0; position: relative;"><div style="position: absolute; bottom: 10px; right: 10px; width: 150px; height: 50px; border: 2px solid blue;"></div></div>
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Answer Sheet

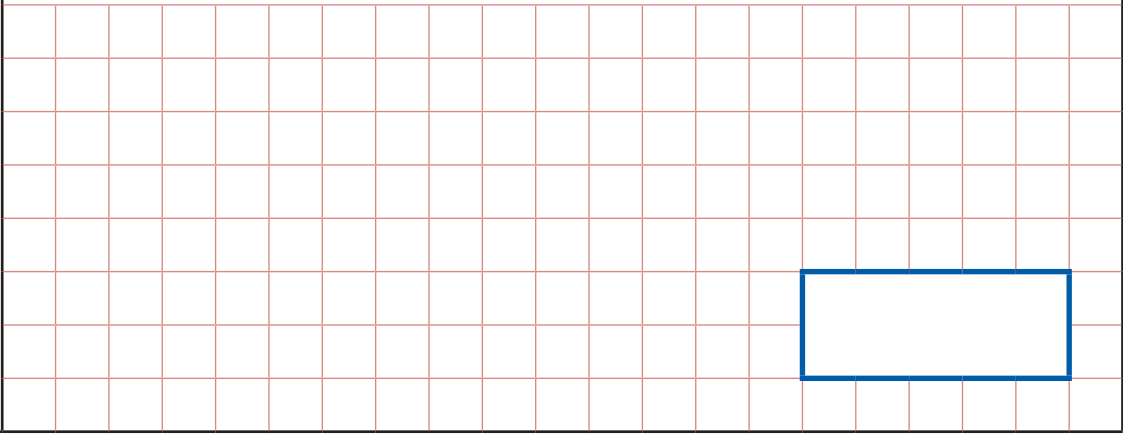
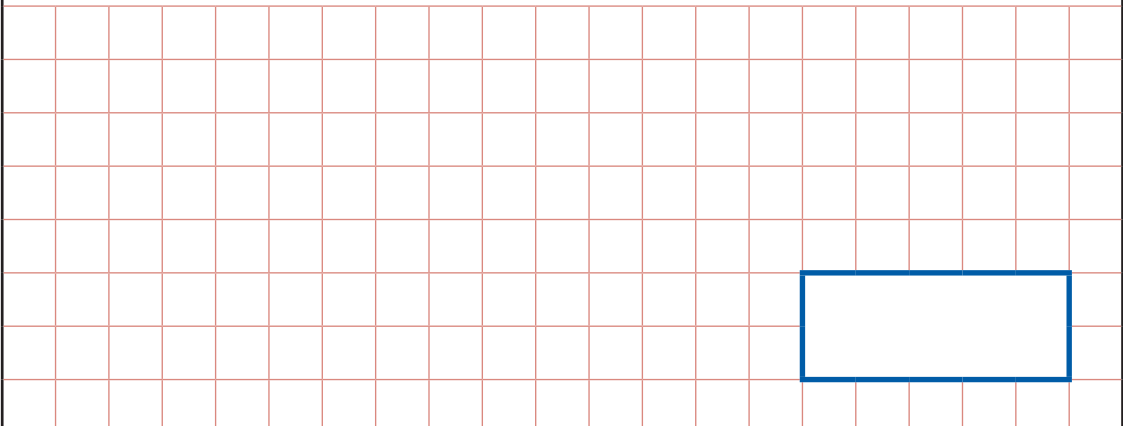
Remember, (M) is written next to those questions you should have tried to solve mentally first. (W) means a written method is usually more efficient for this question.

1. $700 + \mathbf{1,300} = 2,000$ (M)
2. $3 + 5 + 3 = \mathbf{11}$ (M)
3. $300 \times 300 = \mathbf{90,000}$ (M)
4. $9,321 \times 6 = \mathbf{55,926}$ (W)
5. $89,932 - 54,837 = \mathbf{35,095}$ (W)

1	$700 + 200 =$	<div><input type="checkbox"/></div> <div>1 mark</div>

2	$\frac{4}{5}$ of 600 =	<div><input type="checkbox"/></div> <div>1 mark</div>

3	$638 \times 5 =$	<div><input type="checkbox"/></div> <div>1 mark</div>

4	$500 \times 600 =$  <div data-bbox="1031 712 1305 824" style="border: 2px solid blue; width: 172px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1390 705 1469 786" style="border: 1px solid black; width: 50px; height: 36px; margin: 0 auto;"></div> <p>1 mark</p>
5	$88,483 - 79,948 =$  <div data-bbox="1031 1312 1305 1424" style="border: 2px solid blue; width: 172px; height: 50px; margin: 10px auto;"></div>	<div data-bbox="1390 1305 1469 1386" style="border: 1px solid black; width: 50px; height: 36px; margin: 0 auto;"></div> <p>1 mark</p>

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. $700 + 200 = \mathbf{900}$ (M)
2. $\frac{4}{5}$ of 600 = **480** (M)
3. $638 \times 5 = \mathbf{3,190}$ (W)
4. $500 \times 600 = \mathbf{300,000}$ (M)
5. $88,483 - 79,948 = \mathbf{8,535}$ (W)