

Lower
KS2



Arithmetic and Number Progress

Test 4 of 7 (2016–2017)

Year 3 set

25 questions | 30 minutes

Calculator not allowed

Mathematics

First name	
Last name	
Class	
Date	

For marker's use only

Total marks out of 25	
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Instructions

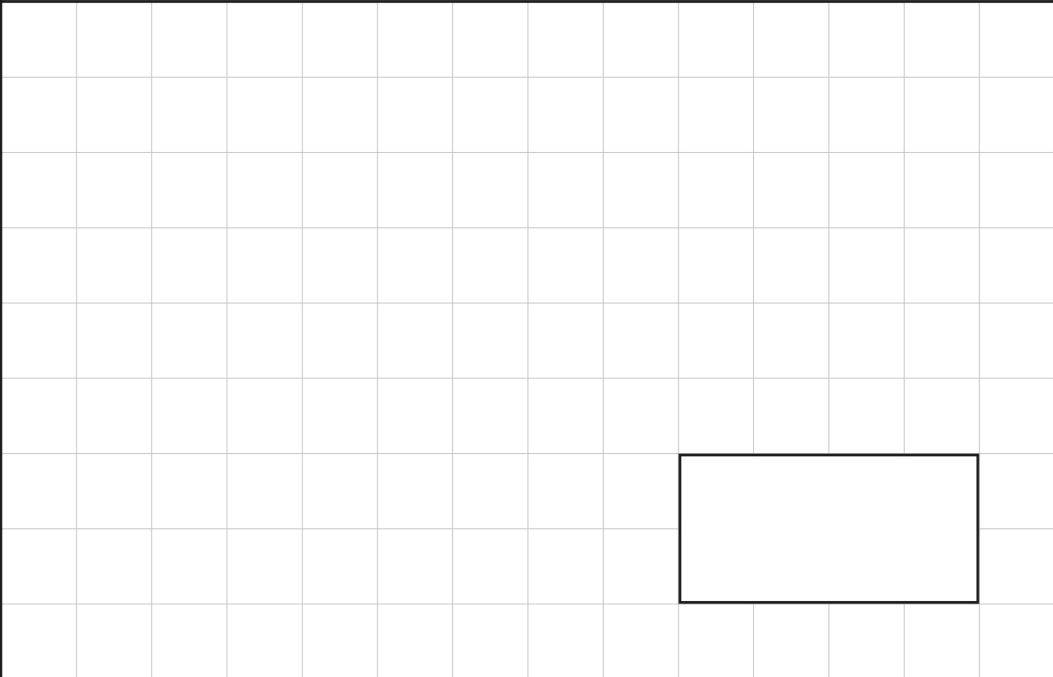
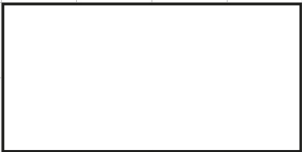

- You may not use a calculator to answer any questions in this test.
- You have 30 minutes to complete the test.
- Follow the instructions for each question carefully.
- Work through the questions quickly but as carefully as you can.
- The grid is for working out your answers. You can draw pictures, make notes and write things here to help you reach an answer.
- After you have worked your answer out, remember to write it in the answer box.
- If you cannot do one of the questions go on to the next one. You can come back to it later if you have time.
- If you finish before the end, go back and check your work. You could check your answer using an inverse operation or a different method.

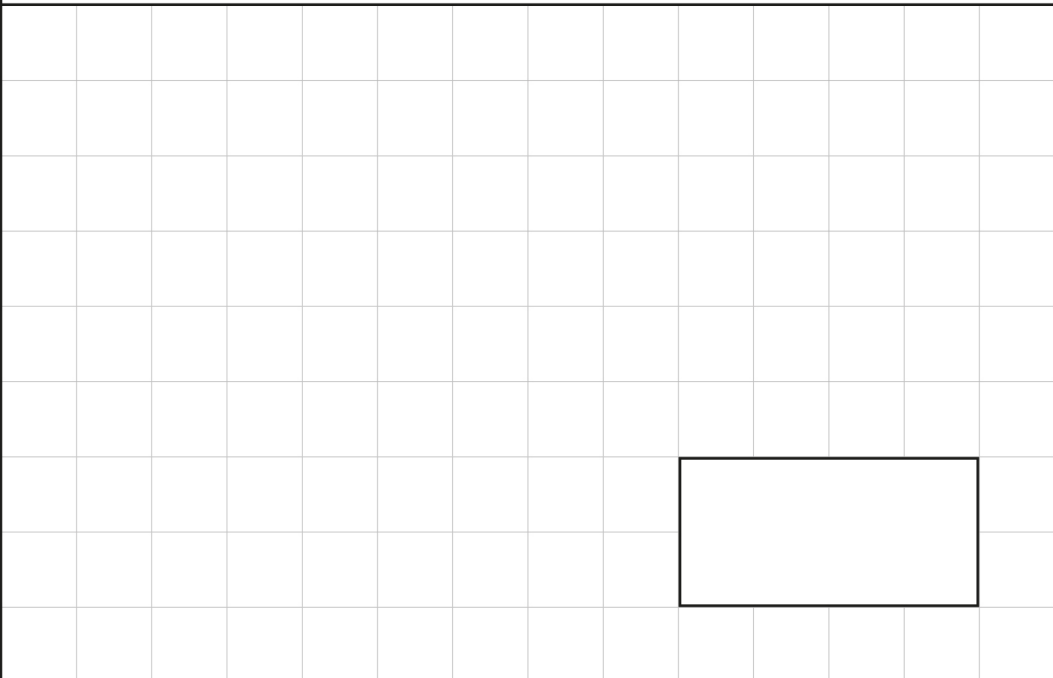


Practice question

$$8 + 8 + 7 =$$



This is your answer box.

Question 1	$\square + 80 = 100$	
		  1 mark

Question 2	$9 \times 10 =$	
		  1 mark

Question 3	What is the value of the underlined digits? <u>3</u> 5 4 <u>6</u> <u>7</u> 4
<div style="border: 1px solid black; width: 40%; margin: 20px auto; padding: 10px;">and and</div>	
<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block; margin-right: 5px;"></div> 1 mark	

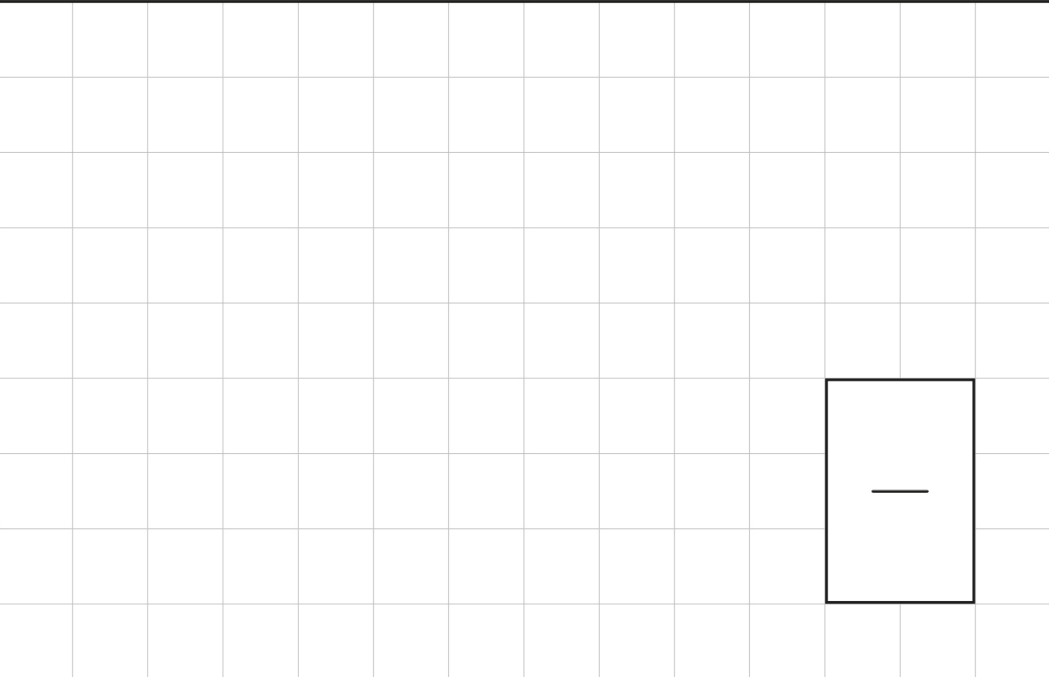
Question 4	$14 < \square$
<div style="border: 1px solid black; width: 150px; height: 50px; display: inline-block; margin-right: 5px;"></div>	
<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block; margin-right: 5px;"></div> 1 mark	

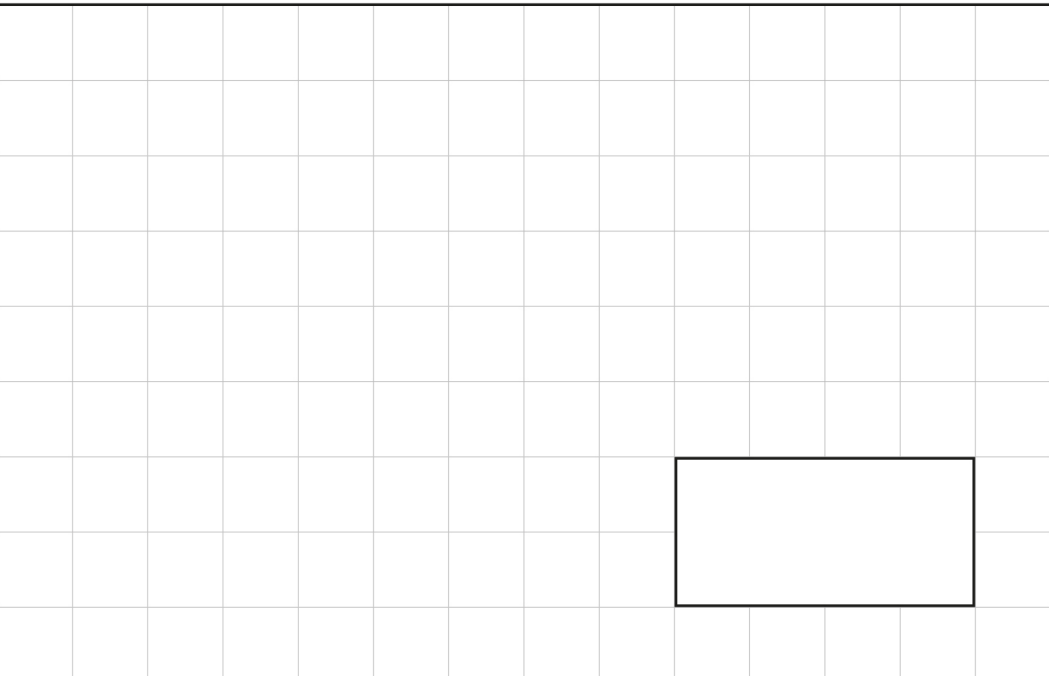
Question 5	22, <input type="text"/> , 42, 52, <input type="text"/> , 72	
	<div data-bbox="798 833 1251 981" style="border: 1px solid black; width: 284px; height: 66px; margin: 0 auto; text-align: center;">and</div>	<div data-bbox="1350 927 1425 1003" style="border: 1px solid black; width: 47px; height: 34px; margin: 0 auto;"></div> <p>1 mark</p>

Question 6	$\frac{1}{2}$ of 40 =	
	<div data-bbox="949 1809 1251 1957" style="border: 1px solid black; width: 189px; height: 66px; margin: 0 auto;"></div>	<div data-bbox="1350 1904 1425 1980" style="border: 1px solid black; width: 47px; height: 34px; margin: 0 auto;"></div> <p>1 mark</p>

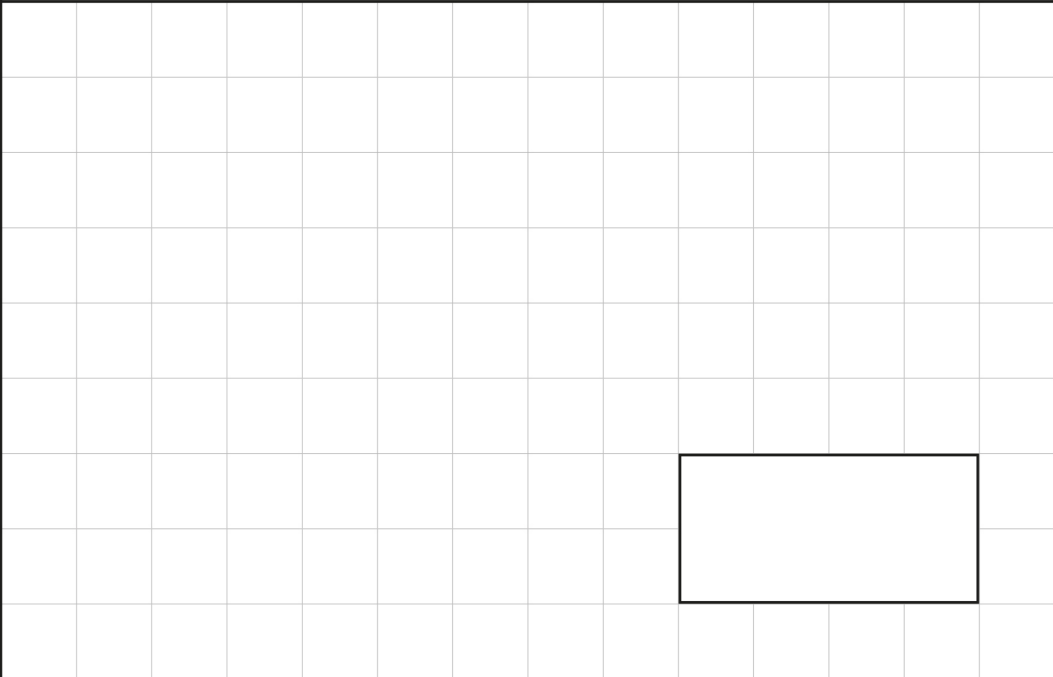
Question 7	$\frac{4}{7} + \frac{2}{7} =$
<div style="border: 1px solid black; width: 80px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"><hr style="width: 20px; border: 0; border-top: 1px solid black;"/></div>	
<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block; margin-right: 5px;"></div> 1 mark	

Question 8	$192 + 20 =$
<div style="border: 1px solid black; width: 150px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"></div>	
<div style="border: 1px solid black; width: 30px; height: 30px; display: inline-block; margin-right: 5px;"></div> 1 mark	

Question 9	$\frac{7}{8} - \frac{3}{8} =$	
		<div data-bbox="1098 757 1251 981" style="border: 1px solid black; width: 96px; height: 100px; margin: 0 auto 10px auto; text-align: center;">—</div> <div data-bbox="1347 927 1423 1003" style="border: 1px solid black; width: 48px; height: 34px; margin: 0 auto;"></div> <p data-bbox="1347 1014 1423 1048" style="text-align: center;">1 mark</p>

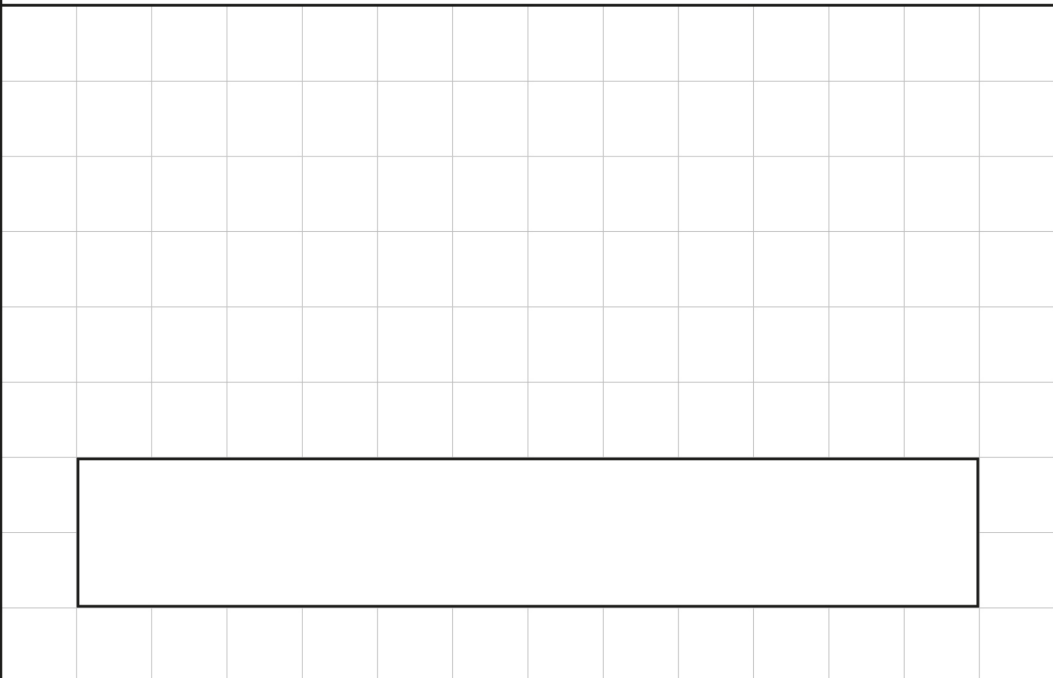
Question 10	$158 + 644 =$	
		<div data-bbox="948 1809 1251 1957" style="border: 1px solid black; width: 190px; height: 66px; margin: 0 auto;"></div> <div data-bbox="1347 1904 1423 1980" style="border: 1px solid black; width: 48px; height: 34px; margin: 0 auto;"></div> <p data-bbox="1347 1991 1423 2024" style="text-align: center;">1 mark</p>

Question
11 $4 \times 4 =$



1 mark

Question
12 Write the number 821 in words.



1 mark

Question

13

$$171 + 400 =$$



1 mark

Question

14

$$36 \div 9 =$$



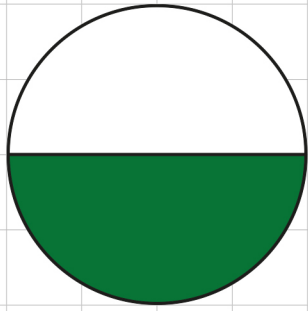
1 mark

Question 15	<p>Order these numbers from largest to smallest:</p> <p style="text-align: center;">675 756 657 706 576</p>
	<div style="border: 1px solid black; width: 80%; height: 80px; margin: 0 auto;"></div>
	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <p style="margin: 0;">1 mark</p>

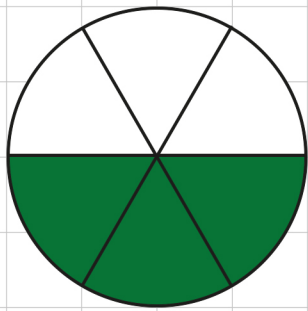
Question 16	<p>What is the value of the underlined digits?</p> <p style="text-align: center;">5<u>4</u>1 3<u>2</u>1 <u>4</u>73</p>
	<div style="border: 1px solid black; width: 80%; height: 80px; margin: 0 auto; display: flex; justify-content: space-around; align-items: center;"> and and </div>
	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <p style="margin: 0;">1 mark</p>

Question

17



=



=

1 mark

Question

18

$$37 \times 8 =$$

1 mark

Question

19

$$\square - 80 = 220$$

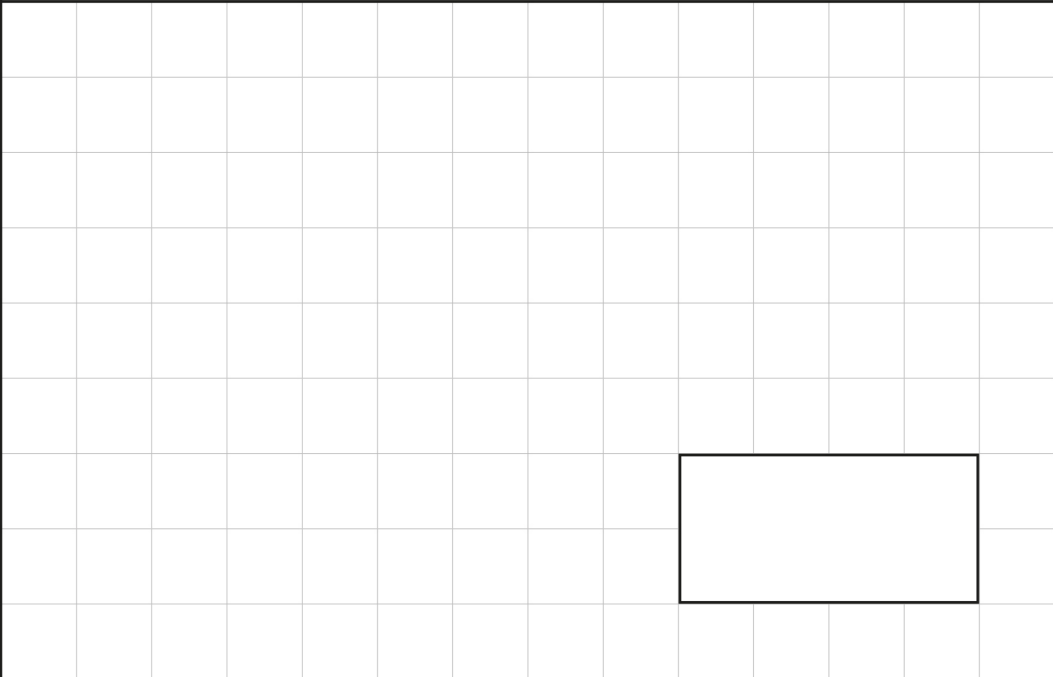
1 mark

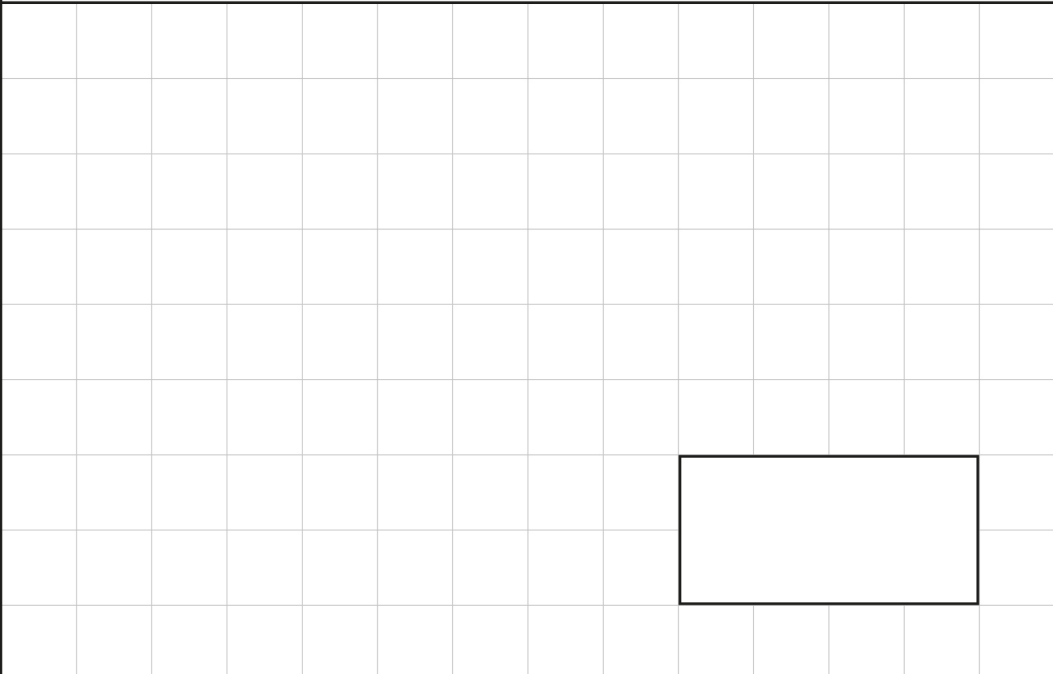
Question

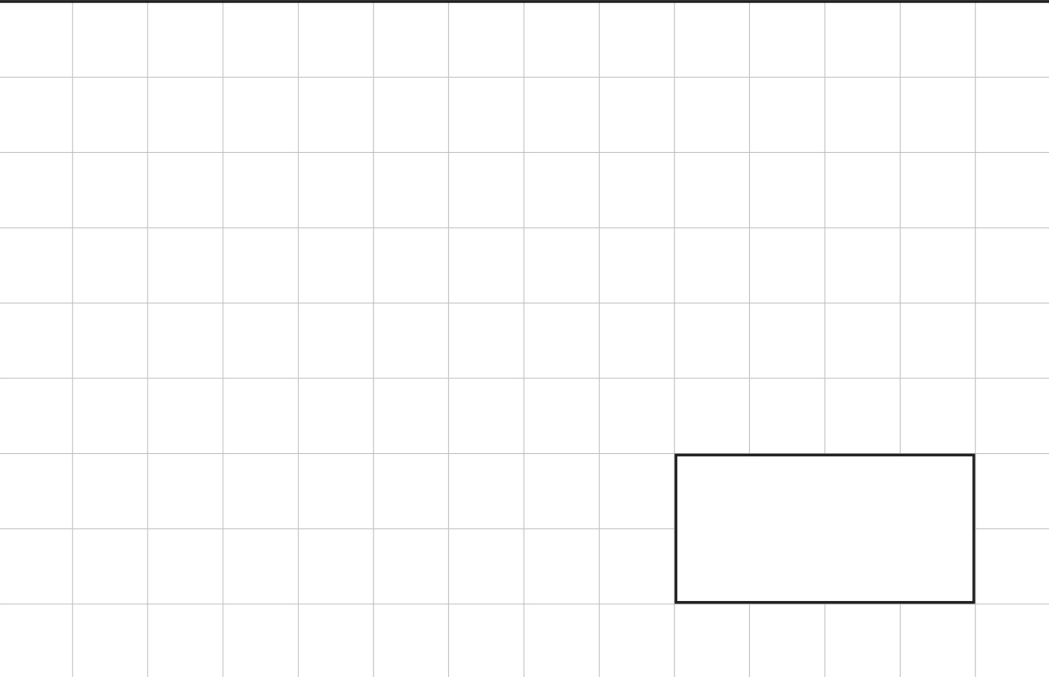

20

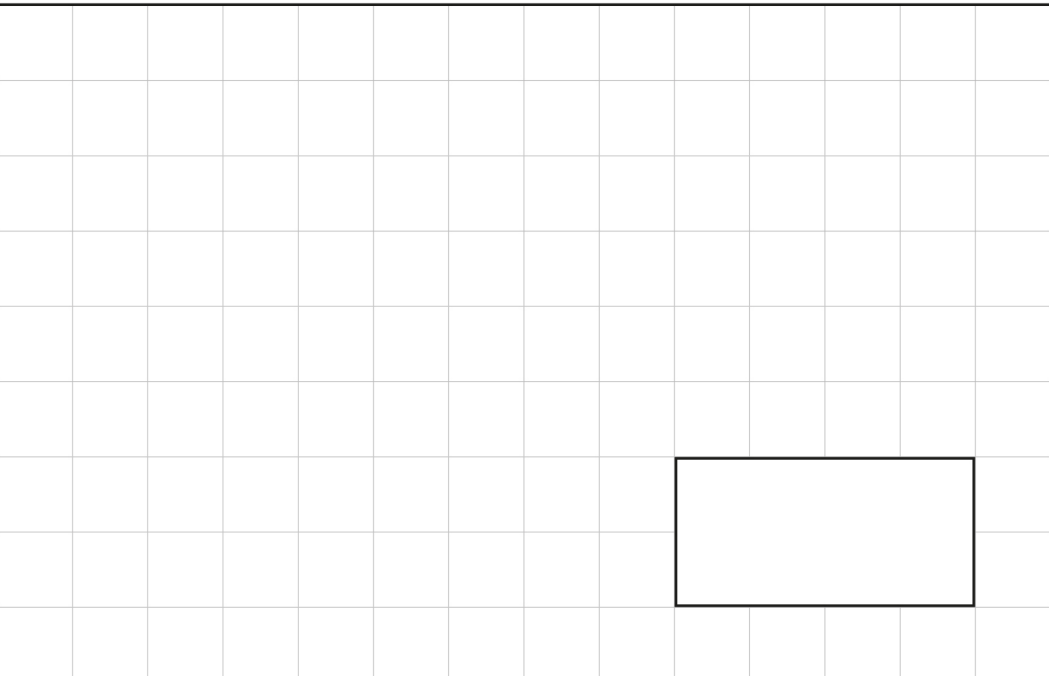

$$32 \div 8 =$$

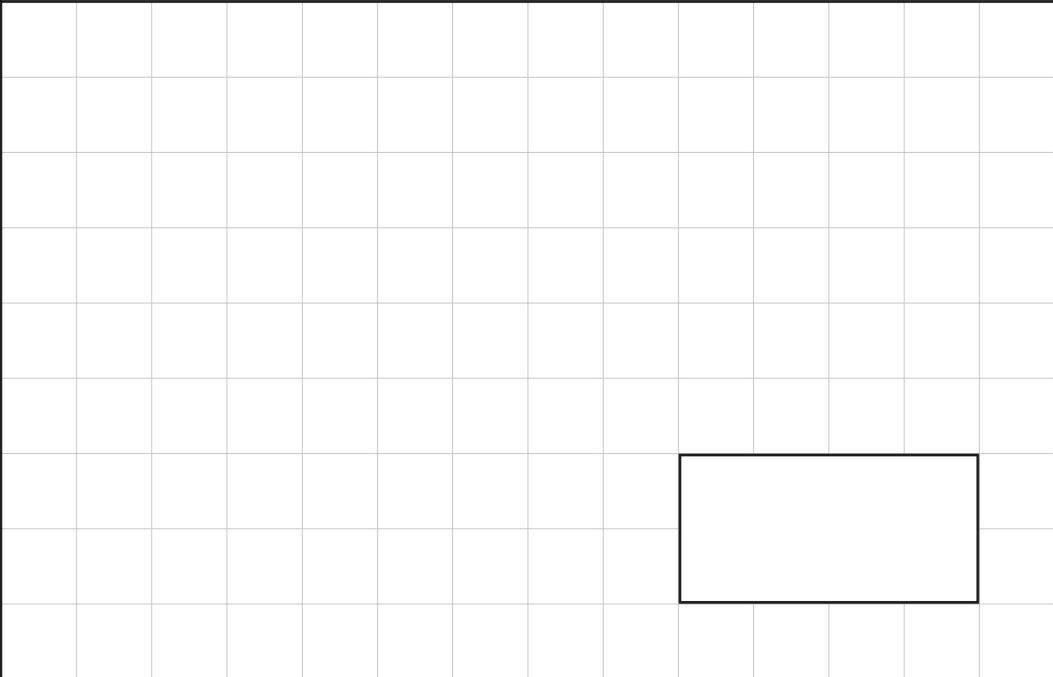

1 mark

Question 21	$\frac{5}{6}$ of 18 =
	
<input type="checkbox"/> 1 mark	

Question 22	$4182 - 1156 =$
	
<input type="checkbox"/> 1 mark	

Question 23	$124 \times 4 =$	
		 1 mark

Question 24	$7 \times 7 \times 2 =$	
		 1 mark

Question 25	$1384 + 1000 =$	
		 1 mark



Cornerstones

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