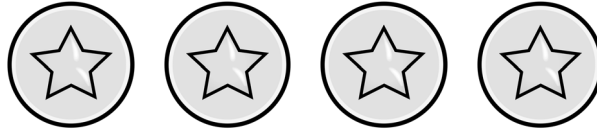


Name: \_\_\_\_\_

Date: \_\_\_\_\_

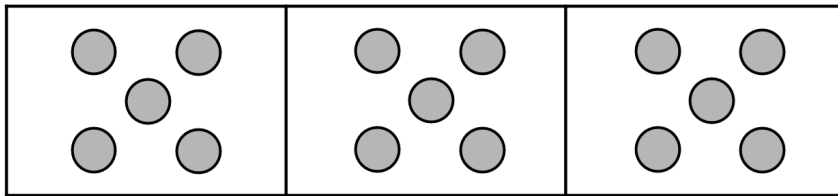
1 Ben, Che and Tam have 4 stickers each.



How many stickers are there **altogether**?

1 mark

2 Write a multiplication sentence to represent the picture.



$$\square \times \square = \square$$

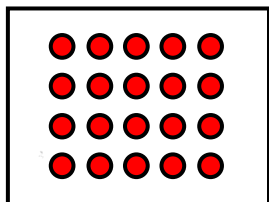
2 marks

2 Complete:

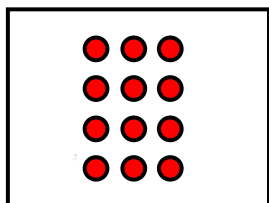
Double 7 is .

1 mark

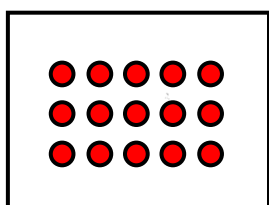
4 Match the array to its correct multiplication.



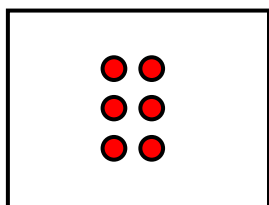
$$4 \times 3$$



$$5 \times 4$$



$$5 \times 3$$



$$3 \times 2$$



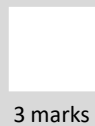
3 marks

5 Complete:

$$\boxed{8} \times \boxed{2} = \boxed{\phantom{00}}$$

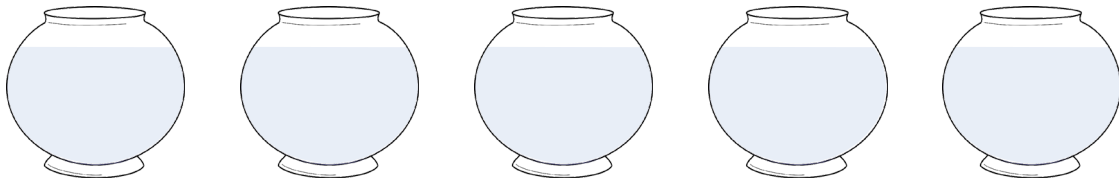
$$\boxed{9} \times \boxed{5} = \boxed{\phantom{00}}$$

$$\boxed{8} \times \boxed{10} = \boxed{\phantom{00}}$$



3 marks

- 6 There are 20 fish and 5 bowls.  
Each bowl has the same number of fish.



How many fish in each bowl?

1 mark

- 7 Complete the table. The first one has been completed for you.

Division	Answer	Multiplication
$40 \div 5 =$	8	$8 \times 5 = 40$
$22 \div 2 =$		
$50 \div 5 =$		
$90 \div 10 =$		
$35 \div 5 =$		

4 marks

8 Between 0 and 24 there are 11 odd numbers.

True or false? How do you know?

2 marks

9 Mo found four multiplication sentences that could represent the picture. Write Mo's multiplication sentences.



$$\square \times \square = \square$$

$$\square \times \square = \square$$

$$\square \times \square = \square$$

$$\square \times \square = \square$$

2 marks

10 Complete the comparison to make it true.

$$\square 4 \times \square 2 < \square 55 \div \square$$

1 mark

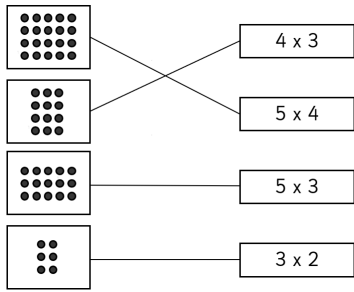
END OF TEST

SELF - ASSESSMENT:



TOTAL MARKS

## Answers

Question	Answer	Mark	Notes																		
1	12	1																			
2	$5 \times 3 = 15$	2	1 mark for $5 \times 3$ . 1 mark for answer: 15.																		
3	14	1	.																		
4		3	1 mark for 2 correct lines. 2 marks for 3 correct lines. 3 marks for all correct.																		
5	16 45 80	3	1 mark for each correct answer.																		
6	4	1																			
7	<table border="1" data-bbox="235 1222 706 1554"> <thead> <tr> <th>Division</th> <th>Answer</th> <th>Multiplication</th> </tr> </thead> <tbody> <tr> <td><math>40 \div 5 =</math></td> <td>8</td> <td><math>8 \times 5 = 40</math></td> </tr> <tr> <td><math>22 \div 2 =</math></td> <td>11</td> <td><math>11 \times 2 = 22</math></td> </tr> <tr> <td><math>50 \div 5 =</math></td> <td>10</td> <td><math>10 \times 5 = 50</math></td> </tr> <tr> <td><math>90 \div 10 =</math></td> <td>9</td> <td><math>9 \times 10 = 90</math></td> </tr> <tr> <td><math>35 \div 5 =</math></td> <td>7</td> <td><math>7 \times 5 = 35</math></td> </tr> </tbody> </table>	Division	Answer	Multiplication	$40 \div 5 =$	8	$8 \times 5 = 40$	$22 \div 2 =$	11	$11 \times 2 = 22$	$50 \div 5 =$	10	$10 \times 5 = 50$	$90 \div 10 =$	9	$9 \times 10 = 90$	$35 \div 5 =$	7	$7 \times 5 = 35$	4	1 mark for each correct pair.
Division	Answer	Multiplication																			
$40 \div 5 =$	8	$8 \times 5 = 40$																			
$22 \div 2 =$	11	$11 \times 2 = 22$																			
$50 \div 5 =$	10	$10 \times 5 = 50$																			
$90 \div 10 =$	9	$9 \times 10 = 90$																			
$35 \div 5 =$	7	$7 \times 5 = 35$																			
8	False. There are 12 odd numbers.	2	1 mark for false. 1 mark for correct explanation.																		
9	$2 \times 3 = 6$ and $3 \times 2 = 6$ $5 \times 6 = 30$ and $6 \times 5 = 30$ . $3 \times 10 = 30$ and $10 \times 3 = 30$	2	1 mark for any two correct calculations. 2 marks for any four correct calculations.																		
10	1 or 5	1																			
	<b>TOTAL MARKS</b>	<b>20</b>																			

## Question breakdown

Question	National Curriculum Links	WR Maths Small Steps	Fluency	Mastery
1	<ul style="list-style-type: none"> <li><b>md4:</b> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</li> </ul>	<ul style="list-style-type: none"> <li>Recognise equal groups.</li> <li>Make equal groups</li> <li>Add equal groups.</li> </ul>	✓	
2	<ul style="list-style-type: none"> <li><b>md2:</b> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication sentences using the x symbol.</li> <li>Multiplication sentences from pictures.</li> </ul>	✓	
3	<ul style="list-style-type: none"> <li><b>md4:</b> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</li> </ul>	<ul style="list-style-type: none"> <li>Make doubles.</li> </ul>	✓	
4	<ul style="list-style-type: none"> <li><b>md4:</b> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</li> </ul>	<ul style="list-style-type: none"> <li>Use arrays.</li> </ul>	✓	
5	<ul style="list-style-type: none"> <li><b>md1:</b> Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> <li><b>md2:</b> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</li> </ul>	<ul style="list-style-type: none"> <li>2 times-table.</li> <li>5 times-table.</li> <li>10 times-table.</li> </ul>	✓	
6	<ul style="list-style-type: none"> <li><b>md1:</b> Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> </ul>	<ul style="list-style-type: none"> <li>Make equal groups – sharing &amp; grouping.</li> </ul>	✓	
7	<ul style="list-style-type: none"> <li><b>md3:</b> Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</li> <li><b>md4:</b> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</li> </ul>	<ul style="list-style-type: none"> <li>Divide by 2.</li> <li>Divide by 5.</li> <li>Divide by 10.</li> </ul>	✓	
8	<ul style="list-style-type: none"> <li><b>md1:</b> Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> </ul>	<ul style="list-style-type: none"> <li>Odd and even numbers.</li> </ul>	✓	✓
9	<ul style="list-style-type: none"> <li><b>md2:</b> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</li> <li><b>md3:</b> Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</li> </ul>	<ul style="list-style-type: none"> <li>2 times-table.</li> <li>5 times-table.</li> </ul>	✓	✓
10	<ul style="list-style-type: none"> <li><b>md1:</b> Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> <li><b>md2:</b> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication sentences using the x symbol.</li> <li>Divide by 5.</li> </ul>	✓	✓

## Reference table

National Curriculum Links	White Rose Maths Small Steps	TAF Statements (2018+)	
<ul style="list-style-type: none"> <li><b>md1:</b> Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> <li><b>md2:</b> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.</li> <li><b>md3:</b> Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</li> <li><b>md4:</b> Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.</li> </ul>	<ul style="list-style-type: none"> <li>Recognise equal groups.</li> <li>Make equal groups.</li> <li>Add equal groups.</li> <li>Multiplication sentences using the x symbol.</li> <li>Multiplication sentences from pictures.</li> <li>Use arrays.</li> <li>2 times-table.</li> <li>5 times-table.</li> <li>10 times-table.</li> <li>Make equal groups – sharing.</li> <li>Make equal groups – grouping.</li> <li>Divide by 2.</li> <li>Odd and even numbers.</li> <li>Divide by 5.</li> <li>Divide by 10.</li> </ul>	WT	N/A
		WA	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems, demonstrating and understanding of commutativity as necessary.</li> </ul>
		GD	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts.</li> <li>Use reasoning about numbers and relationships to solve more complex problems and explain their thinking.</li> <li>Solve unfamiliar word problems that involves more than one step.</li> </ul>