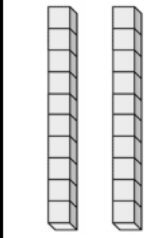

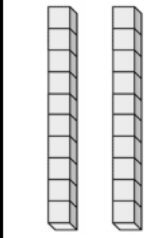

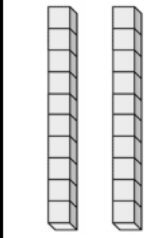

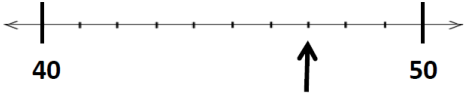
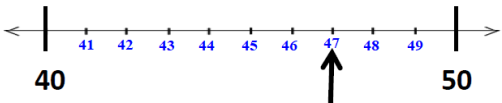

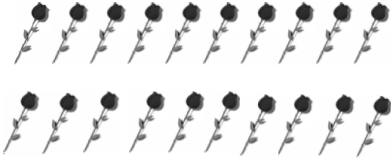
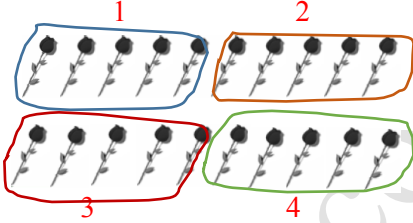

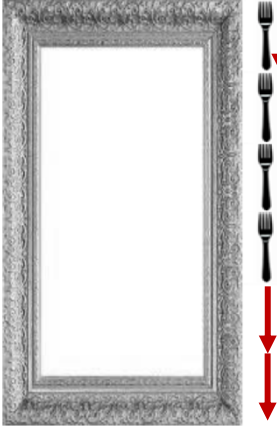





NATIONAL TEST STANDARD 1 YEAR 2016

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>				
1.	<p>Write the word name for the number 59.</p> <p>Answer: Fifty-nine</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 5px;"><i>Tens</i></td> <td style="padding: 5px;"><i>Units</i></td> </tr> <tr> <td style="padding: 5px; text-align: center;">5</td> <td style="padding: 5px; text-align: center;">9</td> </tr> </table> <p style="text-align: center;"> $5 \times 10 + 9 \times 1 = 50 + 9 = 59$ Fifty + nine = Fifty-nine </p>	<i>Tens</i>	<i>Units</i>	5	9	
<i>Tens</i>	<i>Units</i>						
5	9						
2.	<p>Write the number of tens and ones for the numeral shown on the mat below.</p> <div style="text-align: center; border: 1px solid black; padding: 10px; width: fit-content; margin: 10px auto;"> <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 10px;">  </td> <td style="text-align: center; padding: 10px;">  </td> </tr> </tbody> </table> </div> <p>Answer: <input type="text" value="2"/> tens <input type="text" value="6"/> ones</p>	Tens	Ones			<p>Each of the long rods represent one ten.</p> <p>2 long rods = 2 tens</p> <p>There are 6 ones.</p> <p>In all, there are 2 tens and 6 ones.</p>	
Tens	Ones						
							
3.	<p>$14 + 8 =$</p> <p>Answer: 22</p>	<p> $14 + 8 = 14 + 6 + 2$ $= 20 + 2$ $= 22$ </p>					
4.	<p>What number is the arrow pointing to on the number line below?</p> <div style="text-align: center; margin: 10px auto;">  </div> <p>Answer: 47</p>	<div style="text-align: center; margin: 10px auto;">  </div>					





NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>										
5.	<p>Amy had \$23 in her savings. Uncle Bobby gave her \$18 more.</p> <p>How much money does Amy now have?</p> <p>Answer: \$41</p>	<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>3</td></tr> <tr><td>1</td><td>8</td></tr> <tr><td>4</td><td>1</td></tr> </table> <p>+</p> <p>Add the ones $8 + 3 = 11$ ones 11 ones = 1 ten and 1 one Add the tens $1 + 2 + 1 = 4$ tens</p>	T	O	1		2	3	1	8	4	1	
T	O												
1													
2	3												
1	8												
4	1												
6.	<p>Kurt's toy cars are shown below.</p>  <p>Aleem has 6 cars less than Kurt.</p> <p>How many cars does Aleem have?</p> <p>Answer: 19</p>	<p>Kurt has 25 cars. Aleem has 6 cars less than Kurt. So Aleem has</p> <table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td>T</td><td>O</td></tr> <tr><td>1</td><td>15</td></tr> <tr><td>2</td><td>5</td></tr> <tr><td></td><td>6</td></tr> <tr><td>1</td><td>9</td></tr> </table> <p>−</p> <p>2 tens and 5 ones = 1 ten and 15 ones Subtract the ones $15 \text{ ones} - 6 \text{ ones} = 9 \text{ ones}$ There are no tens to subtract, so one ten is left.</p>	T	O	1	15	2	5		6	1	9	
T	O												
1	15												
2	5												
	6												
1	9												
7.	<p>A pack has 4 cookies.</p> <p>How many cookies are there in 6 packs?</p> <p>Answer: 24</p>	<p>$4 + 4 + 4 + 4 + 4 + 4 = 24$</p> <p>OR</p> <p>$4 \times 6 = 24$</p>											

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
8.	<p>Mrs. Ali is making bunches with the roses below.</p>  <p>She puts 5 roses in a bunch. How many bunches can she make if she uses all the roses?</p> <p>Answer: 4 bunches</p>	<p>Count 5 roses and make 1 bunch</p>  <p>= 4 sets of 5 roses = 4 bunches</p> <p>OR</p> <p>Number of roses = 20 Number of roses in 1 bunch is 5. Number of bunches = $20 \div 5 = 4$</p>	
9.	<p>Which of the activities below takes the longest time?</p> <p>Tick the appropriate box.</p> <p><input type="checkbox"/> Blink of an eye <input type="checkbox"/> Drinking a glass of water <input type="checkbox"/> Getting dressed for school</p> <p>Answer: <input checked="" type="checkbox"/> Getting dressed for school</p>	<p>The blink of an eye can take 1 second which is a very short time.</p> <p>Drinking a glass of water can take less than a minute.</p> <p>Getting dressed for school is likely to take more than a minute. So, this should take the longest time.</p>	

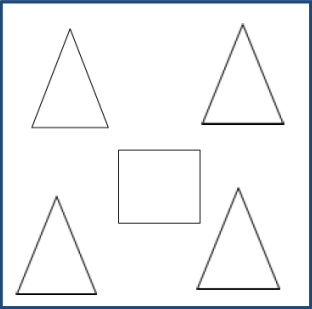
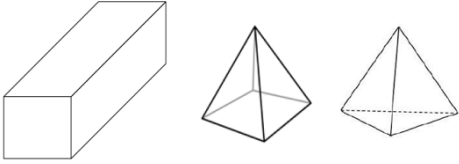
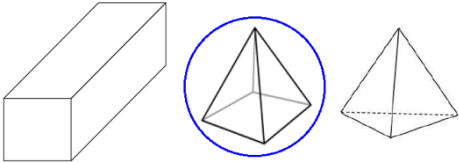
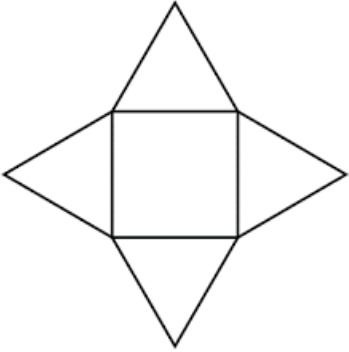
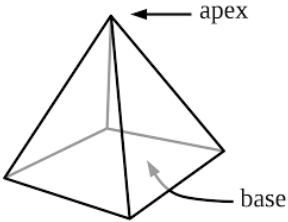
NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
10.	<p>Complete the sentence below the picture frame.</p>  <p>The longer side of the picture frame is _____ plastic forks long.</p> <p>Answer: The longer side of the picture frame is 6 plastic forks long.</p>	<p>The picture frame appears to require 2 more forks to complete its length.</p> $4 + 2 = 6$ 	















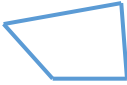





NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
11.	<p>Kim has to fill the bucket with water.</p>  <p>bucket</p> <p>a) Which of these would be better to fill this bucket, a spoon or a teacup?</p>  <p>spoon</p>  <p>teacup</p> <p>Answer: Teacup</p> <p>b) Give a reason for your choice.</p> <p>Answer: A spoon holds less than a teacup. So, a teacup will be better since, it would fill the bucket faster.</p>		

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
12.	<p>A pet store has a sale on fishes. Ravi wants to buy 2 guppies. 1 guppy costs 50 cents.</p> <p>Shade the coins below to show the cost of the 2 guppies.</p> <div data-bbox="323 642 725 1003" style="border: 1px solid black; padding: 10px; margin: 10px 0;"> </div> <p>Answer:</p> <div data-bbox="323 1083 725 1444" style="border: 1px solid black; padding: 10px; margin: 10px 0;"> </div> <p>OR</p> <div data-bbox="323 1486 725 1848" style="border: 1px solid black; padding: 10px; margin: 10px 0;"> </div>	<p>Two guppies will cost:</p> $50c \times 2 = 100c \text{ or } \1.00 $25c + 25c + 25c = 75c$ $10c + 10c + 5c = 25c$ $= 100c$ <p>OR</p> $25c + 25c + 25c = 75c$ $10c + 5c + 5c + 5c = 25c$ $= 100c$	

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
13.	<p>The picture below shows an equal arm balance with some blocks and marbles.</p>  <p>Complete the statements below.</p> <p>Three blocks weigh the same as _____ marbles.</p> <p>One block weighs the same as _____ marbles.</p> <p>Answer: Three blocks weigh the same as 6 marbles.</p> <p>One block weighs the same as 2 marbles.</p>	<p>Number of blocks = 3</p> <p>Number of marbles = 6</p> <p>Since the scale is balanced, both sets of items weigh the same.</p> <p>3 blocks weigh the same as 6 marbles.</p> <p>So, 1 block will weigh the same as 2 marbles.</p> <p>2 marbles weigh the same as 1 block</p>    <p>OR</p> <p>$6 \div 3 = 2$ marbles.</p>	










































































NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>																																																						
14.	<p>The month of March 2016 is shown below.</p> <p style="text-align: center;">March 2016</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sunday</th> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> <th>Thursday</th> <th>Friday</th> <th>Saturday</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> </tr> <tr> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> <td>19</td> </tr> <tr> <td>20</td> <td>21</td> <td>22</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> </tr> <tr> <td>27</td> <td>28</td> <td>29</td> <td>30</td> <td>31</td> <td></td> <td></td> </tr> </tbody> </table> <p>a) How many days are in this month?</p> <p>Answer: 31</p> <p>b) The school term ended on the 4th Thursday of the month. On what date did the term end?</p> <p>Answer: 24th March</p> <p>c) On what day of the week was the 1st of April?</p> <p>Answer: Friday</p>	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			<p>a) The days are numbered from 1 to 31 for the month of March. March has 31 days</p> <p>b) Thursdays fall on the following dates.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Thursday</th> <th>Order</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>1st</td> </tr> <tr> <td>10</td> <td>2nd</td> </tr> <tr> <td>17</td> <td>3rd</td> </tr> <tr> <td>24</td> <td>4th</td> </tr> <tr> <td>31</td> <td>5th</td> </tr> </tbody> </table> <p>The 4th Thursday is the 24th.</p> <p>c) April is the month following March. The 1st of April is a Friday since the last day of March is on Thursday 31st.</p>	Thursday	Order	3	1 st	10	2 nd	17	3 rd	24	4 th	31	5 th	
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																			
		1	2	3	4	5																																																			
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NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
15.	<p>Draw a circle around the solid that can be made using all the plane shapes in the box.</p>   <p>Answer:</p> 	<p>The solid will have the square as the base and the 4 triangles as the sides.</p>  <p>When folded all 4 triangles will meet at a point called the apex. The following solid is formed.</p>  <p>The solid is called a pyramid.</p>	

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>																		
16.	<p>a) Complete the pattern by drawing the missing solid.</p>  <p>Answer: </p> <p>b) What is the name of the first solid in the pattern?</p> <p>Answer: Cylinder</p>	<p>a) A cylinder is followed by a cone then a cube. This pattern repeats itself: Cylinder, cone, cube,</p>  <p>b) So, between the cylinder and the cube should be a cone.</p> <p>c) The name of the first solid is a cylinder.</p>																			
17.	<p>Complete the table below.</p> <table border="1" data-bbox="297 1052 751 1419"> <thead> <tr> <th>Shape</th> <th>Number of Sides</th> <th>Number of Corners</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>6</td> </tr> <tr> <td></td> <td>4</td> <td></td> </tr> </tbody> </table> <p>Answer:</p> <table border="1" data-bbox="297 1497 751 1864"> <thead> <tr> <th>Shape</th> <th>Number of Sides</th> <th>Number of Corners</th> </tr> </thead> <tbody> <tr> <td></td> <td>6</td> <td>6</td> </tr> <tr> <td>  </td> <td>4</td> <td>4</td> </tr> </tbody> </table>	Shape	Number of Sides	Number of Corners			6		4		Shape	Number of Sides	Number of Corners		6	6	  	4	4	 <p>This shape is called a hexagon. It has 6 sides.</p> <p>A shape with 4 sides will also have 4 corners. These shapes are called quadrilaterals. A quadrilateral is shown below.</p>  <p>Examples of some quadrilaterals that have specific names are:</p> <p>Square Rectangle Trapezium</p> <p>These three are shown in the table.</p>	
Shape	Number of Sides	Number of Corners																			
		6																			
	4																				
Shape	Number of Sides	Number of Corners																			
	6	6																			
  	4	4																			

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>																								
18.	<p>The table shows the favourite toys of 23 Standard One students.</p> <p style="text-align: center;">Favourite Toys</p> <table border="1" data-bbox="329 573 721 968"> <thead> <tr> <th>Toys</th> <th>Tally</th> <th>Number of Students</th> </tr> </thead> <tbody> <tr> <td>Ball</td> <td> </td> <td>5</td> </tr> <tr> <td>Doll</td> <td></td> <td>7</td> </tr> <tr> <td>Truck</td> <td> </td> <td>11</td> </tr> </tbody> </table> <p>a) Complete the tally chart.</p> <p>Answer:</p> <table border="1" data-bbox="324 1123 725 1528"> <thead> <tr> <th>Toys</th> <th>Tally</th> <th>Number of Students</th> </tr> </thead> <tbody> <tr> <td>Ball</td> <td> </td> <td>5</td> </tr> <tr> <td>Doll</td> <td> </td> <td>7</td> </tr> <tr> <td>Truck</td> <td> </td> <td>11</td> </tr> </tbody> </table> <p>b) Eleven students chose _____ as their favourite toy.</p> <p>Answer: Eleven students chosen a truck as their favourite toy.</p>	Toys	Tally	Number of Students	Ball		5	Doll		7	Truck		11	Toys	Tally	Number of Students	Ball		5	Doll		7	Truck		11	<p>a) To complete the tally chart we need to insert the tally marks for the number of dolls.</p> <p>There are 7 dolls and $5 + 2 = 7$</p> <p> </p> <p>b) Eleven is the number representing the choice of trucks as the favourite.</p>	
Toys	Tally	Number of Students																									
Ball		5																									
Doll		7																									
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Toys	Tally	Number of Students																									
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NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>										
19.	<p>The table below shows the favourite super-heroes of students in the class.</p> <p style="text-align: center;">Favourite Superheroes</p> <table border="1" data-bbox="302 585 748 766"> <thead> <tr> <th>Name of Superhero</th> <th>Number of Children</th> </tr> </thead> <tbody> <tr> <td>Superman</td> <td>4</td> </tr> <tr> <td>Hulk</td> <td>6</td> </tr> <tr> <td>Spiderman</td> <td>10</td> </tr> <tr> <td>Iron Man</td> <td></td> </tr> </tbody> </table> <p>a) How many students altogether like Superman and Spiderman?</p> <p>Answer: 14</p> <p>b) There are 27 students in the class. How many students' favourite superhero is Iron Man?</p> <p>Answer: 7</p>	Name of Superhero	Number of Children	Superman	4	Hulk	6	Spiderman	10	Iron Man		<p>a) Number of students who liked Superman and Spiderman:</p> $\begin{array}{r} \text{Superman} \quad 4 + \\ \text{Spiderman} \quad \underline{10} \\ \hline 14 \end{array}$ <p>b) Number of students who like Superman, Hulk and Spiderman:</p> $\begin{array}{r} \text{Superman} \quad 4 \\ \text{Hulk} \quad 6 + \\ \text{Spiderman} \quad \underline{10} \\ \hline 20 \end{array}$ <p>There are 27 students in the class. 20 students did not choose Iron Man. So, the number who like Iron Man:</p> $\begin{array}{r} = 27 \\ - \underline{20} \\ \hline 7 \end{array}$	
Name of Superhero	Number of Children												
Superman	4												
Hulk	6												
Spiderman	10												
Iron Man													

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>																																																								
20.	<p>The table below shows the flavours of drinks sold to students.</p> <p style="text-align: center;">Drinks sold</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Flavours</th> <th>Number Sold</th> </tr> </thead> <tbody> <tr> <td>Apple</td> <td>7</td> </tr> <tr> <td>Orange</td> <td>5</td> </tr> <tr> <td>Grape</td> <td>3</td> </tr> </tbody> </table> <p>a) Complete the pictograph.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>Apple</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Orange</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grape</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Answer:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>Apple</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Orange</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grape</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>b) How many more apple drinks were sold than grape drinks?</p> <p>Answer: 4</p>	Flavours	Number Sold	Apple	7	Orange	5	Grape	3	Apple								Orange								Grape								Apple								Orange								Grape								<p>a) Orange has 5 students so there should be 5 of .</p> <p>b) No. of apple drinks sold = 7 No. of grape drinks sold = 3 Difference = $7 - 3$ = 4</p> <p>So, 4 more apple drinks were sold than grape drinks.</p>	
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	<p>c) The owner of the cafeteria has to buy more drinks.</p> <p>Which of these drinks should he buy in a large number?</p> <p>Answer: Apple</p> <p>d) Give a reason for your answer.</p> <p>Answer: Since apple drinks are sold more than the other, the owner should buy a larger number of apple drinks than the other drinks.</p>	<p>c) He should buy more apple drinks than the others.</p> <p>d) The number of apple drinks sold was more than the number of orange drinks and also more than the number of grape drinks.</p>	

END OF TEST