


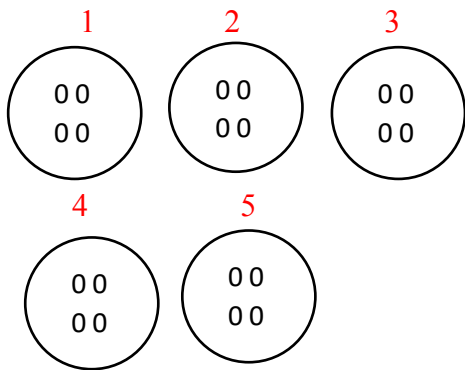

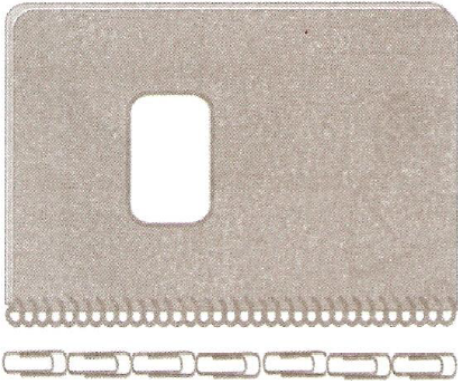
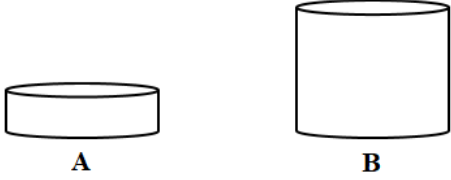
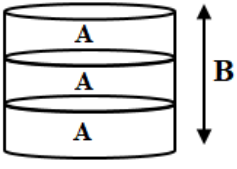




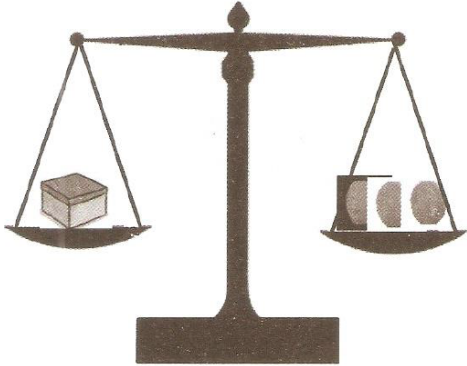
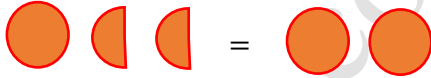

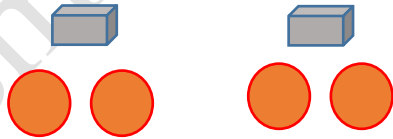
NATIONAL TEST STANDARD 1 YEAR 2015

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
1.	<p>Write the word name for the number <b>60</b>.</p> <p><b>Answer:</b> Sixty</p>	<p><math>60 = 6 \text{ tens or sixty}</math></p>	
2.	<p>The number cards below are ordered from <b>largest</b> to <b>smallest</b>.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin: 2px;">93</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">70</div> <div style="border: 1px solid black; padding: 5px; margin: 2px; width: 30px; height: 20px;"></div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">55</div> </div> <p>Which number below goes in the empty card?</p> <p style="text-align: center;">48   64   21   105</p> <p><b>Answer:</b> 64</p>	<p>Since the numbers are ordered, the number in the box is less than 70 and greater than 55.</p> <p>64 is the only given number that is more than 55 and less than 70.</p>	
3.	<p>Joy has two bars of chocolate.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Bar A</p> </div> <div style="text-align: center;">  <p>Bar B</p> </div> </div> <p>Which bar has an <b>odd</b> number of blocks of chocolate?</p> <p><b>Answer:</b> Bar A</p>	<p>Bar A has 7 blocks. Bar B has 8 blocks. 8 is divisible by 2 and is not an odd number. 7 is an odd number because it is not divisible by 2. Bar A has an odd number of blocks.</p>	
4.	<p>Find the sum of 15 and 9.</p> <p><b>Answer:</b> 24</p>	$9 = 5 + 4$ $15 + 9 = 15 + 5 + 4 = 24$	

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
5.	<p>Nicholas had 17 marbles. He lost 8 marbles. How many marbles does he have now?</p> <p><b>Answer:</b> 9</p>	<p>Since he lost 8, he has <math>17 - 8</math> marbles left.</p> <p>To take away 8, we can take away 7 and then take away 1 more.</p> $17 - 8 = 17 - 7 - 1$ $= 10 - 1 = 9$	
6.	<p>Complete the number pattern below.</p> <p>10, 15, 20, _____</p> <p><b>Answer:</b> 10, 15, 20, 25</p>	<p>The pattern is formed by adding 5,</p> $10 \xrightarrow{+5} 15 \xrightarrow{+5} 20 \xrightarrow{+5} 20 + 5 = 25$	
7.	<p>Ravi picked mangoes from the tree in his yard. His mangoes are shown below.</p>  <p>a) How many mangoes did Ravi pick?</p> <p><b>Answer:</b> 20</p> <p>b) Ravi shared his mangoes equally among his 5 friends. How many mangoes did each friend get?</p> <p><b>Answer:</b> 4 mangoes</p>	<p>a) Each row has 10 mangoes. There are 2 rows.</p> <p>Ravi picked <math>10 + 10 = 20</math> or <math>10 \times 2 = 20</math> mangoes.</p> <p>b) Share one mango at a time among 5 friends until all 20 mangoes are finished.</p>  <p>OR</p> <p>Each friend got <math>20 \div 5</math> mangoes = 4 mangoes</p>	

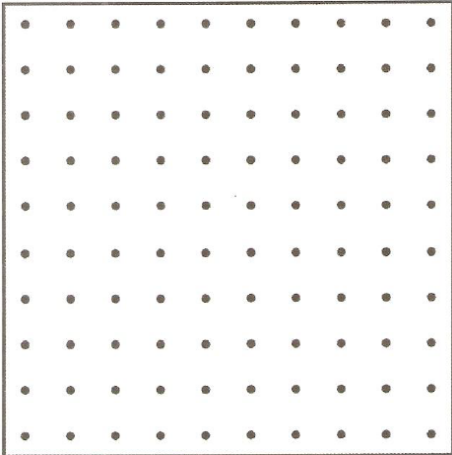
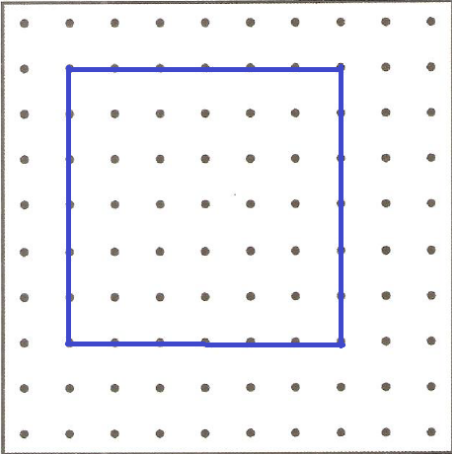
NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
8.	<p>There are 9 children at a birthday party.</p> <p>Each child is given two cupcakes.</p>  <p>How many cupcakes did the children receive <b>altogether</b>?</p> <p><b>Answer:</b> 18 cupcakes</p>	<p>9 children each receive 2 cupcakes.</p> <p>9 sets of two = <math>2 \times 9 = 18</math></p> <p>00    00    00 00    00    00 00    00    00</p>	
9.	<p>Aliya is measuring the length of her notebook using paperclips. How long is her notebook below?</p>  <p>Aliya's notebook is _____ paperclips long.</p> <p><b>Answer:</b> Aliya's notebook is 7 paperclips long.</p>	<p>We can check 7 paper clips placed along the length of the notebook.</p>	

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
10.	<p>How many of container A is needed to fill container B?</p>  <p style="text-align: center;">A                      B</p> <p><b>Answer: 3</b></p>	 <p>Judging from the height of A, it seems that it would take 3 of A to fill B.</p>	
11.	<p>Look at the pictures below and complete the statements using the following words.</p> <div style="border: 1px solid black; padding: 2px; display: flex; justify-content: space-around; width: fit-content; margin: 0 auto;"> <span>minutes</span> <span>seconds</span> </div>   <p>a) Peter jumped 10 times. He took 10 _____.</p> <p><b>Answer:</b> Peter jumped 10 times. He took 10 seconds.</p> <p>b) Peter read 10 pages of his story book. He took 10 _____.</p> <p><b>Answer:</b> Peter read 10 pages of his story book. He took 10 minutes.</p>	<p>It takes a shorter time to jump than to read a page of a book.</p> <p>Seconds are shorter than minutes. Peter can make one jump in one second. So, if he jumped 10 times he will take about 10 seconds.</p> <p>A page of a book has many words. Reading the page of a book will definitely take many seconds and 1 minute = 60 seconds. It is possible for Peter to spend a minute reading one page.</p>	

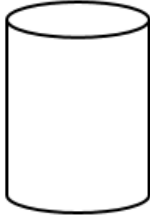
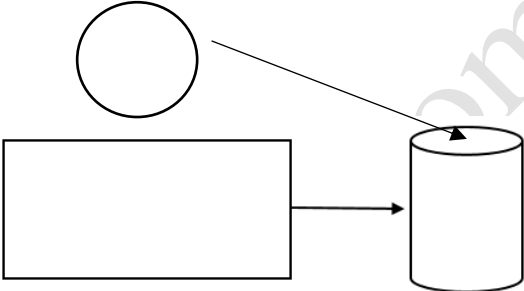
NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
12.	<p>Look at the picture below.</p>  <p>Complete the statements below.</p> <p>a) One box weighs the same as _____ oranges.</p> <p><b>Answer:</b> One box weighs the same as 2 oranges.</p> <p>b) Two boxes will weigh the same as _____ oranges.</p> <p><b>Answer:</b> Two boxes will weigh the same as 4 oranges.</p>	<p>a) The scale balances with one box on one side and one whole orange plus 2 halves on the other side.</p> <p>1 whole plus 2 halves is the same as 2 wholes</p>   <p>1 box weighs the same as 2 oranges</p> <p>b) 2 boxes will weigh the same as</p>  <p>= 4 oranges</p>	

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>																																				
13.	<p>Circle the bills needed to make a \$20.00.</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; padding: 2px;">\$ 5</td> <td style="border: 1px solid black; padding: 2px;">\$10</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">\$5</td> <td style="border: 1px solid black; padding: 2px;">\$5</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">\$1</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> </tr> </table> <p>Answer:</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$ 5</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$10</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">\$5</td> <td style="border: 1px solid black; padding: 2px;">\$5</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> </tr> </table> <p>Or</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$ 5</td> <td style="border: 1px solid black; padding: 2px;">\$10</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$5</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$5</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$1</td> </tr> </table> <p>Or</p> <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$ 5</td> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$10</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 50%; padding: 2px;">\$5</td> <td style="border: 1px solid black; padding: 2px;">\$5</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">\$1</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> <td style="border: 1px solid black; padding: 2px;">\$1</td> </tr> </table>	\$ 5	\$10	\$1	\$5	\$5	\$1	\$1	\$1	\$1	\$ 5	\$10	\$1	\$5	\$5	\$1	\$1	\$1	\$1	\$ 5	\$10	\$1	\$5	\$5	\$1	\$1	\$1	\$1	\$ 5	\$10	\$1	\$5	\$5	\$1	\$1	\$1	\$1	<p>We find three different ways to make up \$20.</p> $\$10 + \$5 + \$1 + \$1 + \$1 + \$1 + \$1 = \$20$ $\$5 + \$5 + \$5 + \$1 + \$1 + \$1 + \$1 + \$1 = \$20$ $\$10 + \$5 + \$5 = \$20$	
\$ 5	\$10	\$1																																					
\$5	\$5	\$1																																					
\$1	\$1	\$1																																					
\$ 5	\$10	\$1																																					
\$5	\$5	\$1																																					
\$1	\$1	\$1																																					
\$ 5	\$10	\$1																																					
\$5	\$5	\$1																																					
\$1	\$1	\$1																																					
\$ 5	\$10	\$1																																					
\$5	\$5	\$1																																					
\$1	\$1	\$1																																					

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>																																																	
14.	<p>One month of a calendar is shown below.</p> <table border="1" data-bbox="310 495 760 804"> <thead> <tr> <th colspan="7">JUNE</th> </tr> <tr> <th>Mon</th> <th>Tue</th> <th>Wed</th> <th>Thu</th> <th>Fri</th> <th>Sat</th> <th>Sun</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> </tr> <tr> <td>15</td> <td>16</td> <td>17</td> <td>18</td> <td>19</td> <td>20</td> <td>21</td> </tr> <tr> <td>22</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> </tr> <tr> <td>29</td> <td>30</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>a) How many days are there in the month of June?</p> <p><b>Answer:</b> 30</p> <p>b) Alisha visits her grandparents on the third Sunday of each month.</p> <p>What is the date of her visit in June?</p> <p><b>Answer:</b> Sunday June 21<sup>st</sup></p> <p>c) Mark's birthday is on the day before the 1<sup>st</sup> of June.</p> <p>In what <b>month</b> was Mark's birthday?</p> <p><b>Answer:</b> The month of May</p>	JUNE							Mon	Tue	Wed	Thu	Fri	Sat	Sun	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						<p>a) The days are numbered from 1 to 30. There are 30 days in June.</p> <p>b) Sunday 7 1<sup>st</sup> 14 2<sup>nd</sup> 21 3<sup>rd</sup> 28</p> <p>The 3<sup>rd</sup> Sunday is June 21<sup>st</sup>.</p> <p>c) The day before 1<sup>st</sup> June is the last day of the month just before June. This is May 31<sup>st</sup>. Hence, Mark's birthday is in May.</p>	
JUNE																																																				
Mon	Tue	Wed	Thu	Fri	Sat	Sun																																														
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																																																			

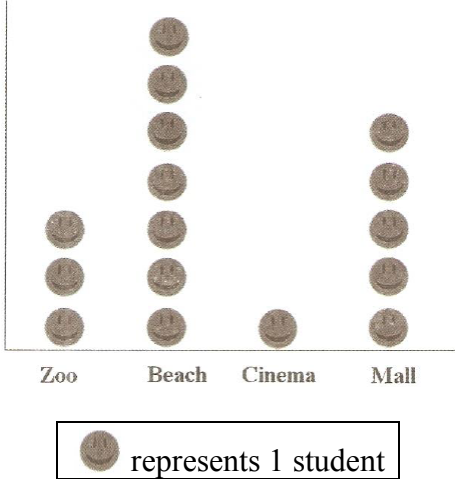
NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
15.	<p>Use the dots below to draw a square.</p>  <p><b>Answer:</b></p> 	<p>We can draw many different squares on the grid given. The four sides must be equal.</p> <p>This square has sides 6 units long.</p>	



NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>
16.	<p>Adele is cutting out plane shapes of paper to make a cylinder.</p>  <p>Circle the names of the plane shapes she must cut out.</p> <p><b>Circle   Rectangle   Triangle</b></p> <p><b>Answer:</b> <b>Circle   Rectangle   Triangle</b></p>	<p>She would use a rectangle for the curved side of the cylinder and a circle for the top and bottom.</p>  <p>If the cylinder is closed then two circles will also be used, one for the top and one for the base.</p> <p>She would use only one circle if the cylinder has a base and is open at the top.</p>	
17.	<p>A pattern made with shapes is shown below.</p> <p>△ □ ○ △ □ ○ △ _ _ ○ _ _</p> <p>a) Draw the missing shapes in the pattern.</p> <p><b>Answer:</b> △ □ ○ △ □ ○ △ □ ○ △</p> <p>b) What is the 15<sup>th</sup> shape in the pattern?</p> <p><b>Answer:</b> ○</p>	<p>a) The pattern repeats three shapes</p> <p>△ □ ○</p> <p>So, the completed pattern is</p> <p>△ □ ○   △ □ ○   △ □ ○   △</p> <p>Missing shapes → →</p> <p>b) Let us number the shapes.</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>△ □ ○ △ □ ○ △ □ ○ △</p> <p>△ 1, 4, 7, 10, 13, 16...</p> <p>□ 2, 5, 8, 11, 14, 17...</p> <p>○ 3, 6, 9, 12, 15, ...</p> <p>The 15<sup>th</sup> shape will be a ○.</p>	

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>																														
18.	<p>The table below shows the number of books read by four students.</p> <table border="1" data-bbox="305 489 764 795"> <thead> <tr> <th>Name</th> <th>Tally</th> <th>Number of Books Read</th> </tr> </thead> <tbody> <tr> <td>Maya</td> <td>    </td> <td>8</td> </tr> <tr> <td>Suresh</td> <td></td> <td>10</td> </tr> <tr> <td>Kim</td> <td>   </td> <td>3</td> </tr> <tr> <td>Peter</td> <td>      </td> <td></td> </tr> </tbody> </table> <p>Complete the table.</p> <p><b>Answer:</b></p> <table border="1" data-bbox="305 940 764 1268"> <thead> <tr> <th>Name</th> <th>Tally</th> <th>Number of Books Read</th> </tr> </thead> <tbody> <tr> <td>Maya</td> <td>    </td> <td>8</td> </tr> <tr> <td>Suresh</td> <td>      </td> <td>10</td> </tr> <tr> <td>Kim</td> <td>   </td> <td>3</td> </tr> <tr> <td>Peter</td> <td>      </td> <td>11</td> </tr> </tbody> </table>	Name	Tally	Number of Books Read	Maya		8	Suresh		10	Kim		3	Peter			Name	Tally	Number of Books Read	Maya		8	Suresh		10	Kim		3	Peter		11	<p>To complete the table: First, we need to insert the tally marks for Suresh.</p> <p>Suresh read 10 books: <math>10 = \text{    } \text{    }</math></p> <p>Next, we need to insert the number of books Peter read.</p> <p>The number of books Peter read: <math>\text{    } \text{    }   = 5 + 5 + 1</math> <math>= 11</math></p>	
Name	Tally	Number of Books Read																															
Maya		8																															
Suresh		10																															
Kim		3																															
Peter																																	
Name	Tally	Number of Books Read																															
Maya		8																															
Suresh		10																															
Kim		3																															
Peter		11																															

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>								
19.	<p>The table shows the favourite cartoons of a Standard 1 class.</p> <table border="1" data-bbox="305 489 764 678"> <thead> <tr> <th>Cartoon</th> <th>Number of Students</th> </tr> </thead> <tbody> <tr> <td>Sponge Bob</td> <td>9</td> </tr> <tr> <td>Curious George</td> <td>12</td> </tr> <tr> <td>Peppa Pig</td> <td>6</td> </tr> </tbody> </table> <p>a) Which cartoon is the <b>most popular</b> in the class?</p> <p><b>Answer:</b> Curious George</p> <p>b) How many students did not choose Curious George as their favourite cartoon?</p> <p><b>Answer:</b> 15</p>	Cartoon	Number of Students	Sponge Bob	9	Curious George	12	Peppa Pig	6	<p>a) The number 12 is the largest of 9, 12 and 6. 12 students chose Curious George. Most students chose Curious George.</p> <p>b) The number not choosing Curious George:</p> $\begin{array}{r} 9 \text{ chose Sponge Bob} \\ + 6 \text{ chose Peppa Pig} \\ \hline 15 \end{array}$ <p>15 students did not choose Curious George</p>	
Cartoon	Number of Students										
Sponge Bob	9										
Curious George	12										
Peppa Pig	6										

NO.	TEST ITEMS	WORKING COLUMN	<i>Do Not Write Here</i>												
20.	<p>The pictograph below shows the places visited by students in a Standard One class.</p> <p style="text-align: center;"><b>Places Visited</b></p>  <p style="text-align: center;"> <span style="border: 1px solid black; padding: 2px;">● represents 1 student</span> </p> <p>a) How many students visited the mall?</p> <p><b>Answer: 5</b></p> <p>b) How many <b>more</b> students visited the beach than the zoo?</p> <p><b>Answer: 4</b></p> <p>c) How many students are in the class?</p> <p><b>Answer: 16</b></p>	<p>a) We check 5 ● who visited the mall and which represents 5 students.</p> <p>b) Number who visited the zoo is 3. Number who went the beach is 7.</p> $7 - 3 = 4$ <p>So, 4 more students visited the beach than the zoo.</p> <p>c) Number who visited the</p> <table style="margin-left: 20px;"> <tr><td>Zoo</td><td>3</td></tr> <tr><td>Beach</td><td>+ 7</td></tr> <tr><td>Cinema</td><td>1</td></tr> <tr><td>Mall</td><td>5</td></tr> <tr><td></td><td><hr style="width: 100%;"/></td></tr> <tr><td></td><td>16</td></tr> </table>	Zoo	3	Beach	+ 7	Cinema	1	Mall	5		<hr style="width: 100%;"/>		16	
Zoo	3														
Beach	+ 7														
Cinema	1														
Mall	5														
	<hr style="width: 100%;"/>														
	16														

**END OF TEST**