

# SECONDARY ENTRANCE ASSESSMENT

## Mathematics

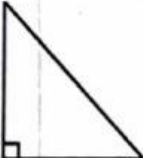
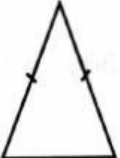
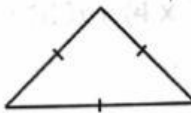


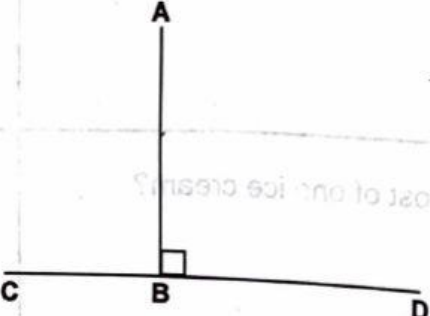
Answer ALL questions

75 Mins. - 45 Items

NO.	ITEMS	DO NOT WRITE IN THIS COLUMN
1.	<p>Write in words:</p> <p style="text-align: center;">607300</p> <p>_____</p> <p>_____</p>	1
2.	<p>Express <math>\frac{28}{3}</math> as a mixed number.</p> <p>_____</p> <p>_____</p>	1
3.	<p>What is the value of the underlined digit?</p> <p style="text-align: center;">3<u>8</u>94</p> <p>_____</p> <p>_____</p>	1
4.	<p><math>6.9 \times 100 =</math></p> <p>_____</p>	1

NO.	ITEMS	DC WR 1 CO
5.	<p>Solve for <input type="text"/></p> $\frac{7}{10} = \frac{\boxed{\phantom{00}}}{40}$ <p>_____</p>	
6.	<p>What is the value of:</p> $(8 \times 10000) + (2 \times 1000) + (3 \times 100) + (4 \times 1)$ <p>_____</p>	
7.	<p>Ryan has the following notes:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 10px; margin: 0 5px;"><b>\$100</b></div> <div style="border: 1px solid black; padding: 2px 10px; margin: 0 5px;"><b>\$50</b></div> <div style="border: 1px solid black; padding: 2px 10px; margin: 0 5px;"><b>\$20</b></div> <div style="border: 1px solid black; padding: 2px 10px; margin: 0 5px;"><b>\$5</b></div> </div> <p>Calculate the total amount of money he has.</p> <p>_____</p>	1
8.	<p>Put in &gt;, &lt; or = in the box provided to make the statement correct.</p> $\frac{5}{8} \boxed{\phantom{00}} \frac{3}{4}$	1

NO.	ITEMS	DO NOT WRITE IN THIS COLUMN
9.	What number needs to be added to 25 to make $7^2$ ?  <hr/>	1
10.	Convert $4\frac{1}{2}$ metres into centimetres.  <hr/>	1
11.	$10\frac{3}{5} - 7\frac{1}{10} =$  <hr/>	1
12.	The time shown on Ben's watch is twelve minutes fast. What is the correct time?  <div style="border: 1px solid black; padding: 2px; display: inline-block;">2:50</div> Ben's watch  <hr/>	1
13.	Ria paid \$13.50 for 3 ice creams. What is the cost of one ice cream?  <hr/>	1

NO.	ITEMS	DO NOT WRITE IN THIS COLUMN
14.	<p>Circle the unit of measurement used to measure the quantity of water in a tank.</p> <div> kilograms                      millilitres  litres                              kilometres </div>	1
15.	<p>Circle the isosceles triangle below.</p> <div>     </div>	1
16.	<p>Draw the line of symmetry on the shape below.</p> 	1
17.	<p>In the diagram below the line AB can be described as _____ to line CD.</p> 	1



NO.	ITEMS	DO NOT WRITE IN THIS COLUMN										
18.	<div>3, 4, 5, 6, 4, 3, 7, 4, 8</div> <p>What is the modal number from the above set of numbers?</p> <p>_____</p>	1										
19.	<p>The tally table shows the number of mangoes sold by 4 vendors.</p> <table><tr><th>Vendors</th><th>Number of mangoes</th></tr><tr><td>Mathew</td><td>        </td></tr><tr><td>Joshua</td><td></td></tr><tr><td>Dareem</td><td>       </td></tr><tr><td>Cayeem</td><td>            </td></tr></table> <p>Joshua sold <math>\frac{1}{2}</math> the number of mangoes as Cayeem. Complete the tally table to show the number of mangoes Joshua sold.</p>	Vendors	Number of mangoes	Mathew		Joshua		Dareem		Cayeem		1
Vendors	Number of mangoes											
Mathew												
Joshua												
Dareem												
Cayeem												
20.	<p>Calculate the mean of the following numbers.</p> <p>21, 0, 16, 35, 8</p> <p>_____</p>	1										