Name:	<u>Sr: 02032018-154</u>					
March 02, 2018	MATHS WORKS	HEET T SATS GCSES				
1) 'Name the type of angle.	<ol> <li>A number is chosen at random from 1 to 25. Find the probability of selecting odd number.</li> </ol>	<ol> <li>A number is chosen at random from 1 to 25. Find the probability of selecting even number.</li> </ol>				
Answer:	Answer:	Answer:				
4) <b>5</b> <sup>2</sup> / <sub>6</sub> - <b>3</b> <sup>2</sup> / <sub>7</sub>	5) What would you multiply by to increase an amount by 36%?	6) Factorise $7f^2 + 10f + 3$				
Answer:	Answer:	Answer:				
7) $6^{4/9} \ge 6^{3/7}$	<ol> <li>A number is chosen at random from 1 to 25. Find the probability of selecting multiples of 8.</li> </ol>	<ul><li>9) A number was shared in the ratio 20:10. The smaller share was 21. What was the larger amount?</li></ul>				
Answer:	Answer:	Answer:				
<ul><li>10) A number was shared in the ratio</li><li>5:1. The smaller share was 19. What was the total amount shared?</li></ul>	11) What would you multiply by to increase an amount by 31%?	12) Find the next three numbers in the sequence 31,26,39,34,47,42,55,				
Answer:	Answer:	Answer:				
<ul><li>13) A number is chosen at random from 1 to 25. Find the probability of selecting factors of 7.</li></ul>	14) Round 6.15005 to the nearest whole number.	15) Find area of square having each side (s) equals 37 in				
Answer:	Answer:	Answer:				

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<ul><li>16)</li><li>Find the next three numbers in the sequence 0,1,1,2,3,5,8</li></ul>	17) <sup>10</sup> / <sub>6</sub> - <sup>2</sup> / <sub>10</sub>	18) Find area of triangle h = 63 ft, $a = 89$ ft, b = 98 ft, $c = 100$ ft		
Answer:	Answer:	Answer:		
19) <b>2</b> <sup>5</sup> / <sub>9</sub> - <b>3</b> <sup>1</sup> / <sub>9</sub>	20) Round 24.248025 to 5 significant figures.			
Answer:	Answer:			

Total: \_\_\_ / 20

Name: \_

March 02, 2018



Answers:								
1) Right	2) <sup>12</sup> / <sub>25</sub>	3) <sup>12</sup> / <sub>25</sub>	4) 2 <sup>1</sup> / <sub>21</sub>	5) 1.36	6) (1f + 1)(f + 3)	7) 41 <sup>3</sup> / <sub>7</sub>		
8) <sup>3</sup> / <sub>25</sub>	9) 42	10) 114	11) 1.31	12) 50,63,58,	13) <sup>0</sup> / <sub>1</sub>	14) 6		
15) 1369in	16) 13,21,34,	17) 1 <sup>7</sup> / <sub>15</sub>	18) 3087ft	19) 1 <sup>5</sup> / <sub>9</sub>	20) 24.248			