
























Thursday (medium) – LO: to calculate percentage increases and decreases.

Varied fluency

Reasoning and problem solving

<p>5a. Increase the following numbers by 15%.</p> <p>A) 500</p> <p>B) 160</p> <p>C) 220</p> <p> VF</p>						
<p>6a. Jaxon is reducing the prices of items in his shop by 30%.</p> <p>Calculate the new prices.</p> <table style="width: 100%; text-align: center;"><tr><td></td><td></td><td></td></tr><tr><td>£12.50</td><td>£15</td><td>£9.50</td></tr></table> <p> VF</p>				£12.50	£15	£9.50
						
£12.50	£15	£9.50				
<p>7a. Isabel scored 40 in her maths test.</p> <p>She made herself a target of scoring 20% more in her next test.</p> <p>What does her score need to be to hit her target?</p> <p> VF</p>						
<p>8a. True or false?</p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: fit-content; margin: 10px auto;"><p>A 45% decrease in price from £50 means there is £22.50 off.</p></div> <p style="text-align: center;"></p> <p> VF</p>						

<p>4a. Katie is selling her car.</p> <p>The car has decreased in value by 45% since she bought it.</p> <p>She paid £2,500.</p> <p>She has worked out that the car is now worth £1,125.</p> <p>Is Katie correct? Explain your answer.</p> <p> R</p>				
<p>5a. Two children were asked to explain their method for calculating a 20% increase:</p> <table style="width: 100%;"><tr><td style="border: 1px solid gray; border-radius: 10px; padding: 5px; width: 60%;"><p>I find 10% and double it. I then add this to my original number.</p></td><td style="text-align: center; vertical-align: middle;"> Isla</td></tr><tr><td style="text-align: center; vertical-align: middle;"> Toby</td><td style="border: 1px solid gray; border-radius: 10px; padding: 5px; width: 60%;"><p>I divide my number by five and then add it to the original number.</p></td></tr></table> <p>Who has the most efficient method? Explain your answer.</p> <p> R</p>	<p>I find 10% and double it. I then add this to my original number.</p>	 Isla	 Toby	<p>I divide my number by five and then add it to the original number.</p>
<p>I find 10% and double it. I then add this to my original number.</p>	 Isla			
 Toby	<p>I divide my number by five and then add it to the original number.</p>			
<p>6a. Lily is buying some trainers.</p> <p>There is 5% off for today only.</p> <p>Lily calculates that 5% of the cost of the trainers is £2.25.</p> <p>What is the original price of the trainers?</p> <p> PS</p>				