


29th July									
<p><b>Expand <math>2(y - 10)</math></b></p> <p><math>2y - 20</math></p>	 Corbettmaths								
<p>a is an even number b is an odd number</p> <p>Is <math>a + b</math> an odd number, an even number or could it be either?</p>	<p><math>even + odd = odd</math></p> <p>eg <math>8 + 3 = 11</math></p>								
<p>Increase £740 by 22%</p> <p><math>1\% = 7.4</math> <math>22\% = 162.80</math></p> <p><math>792.80</math></p>	<p>Decrease £65 by 13%</p> <p><math>1\% = 0.65</math> <math>13\% = 8.45</math></p> <p><math>£56.55</math></p>								
<p>Orla is planning a trip for her friends</p> <p>Here are the costs for the trip.</p> <table> <tr> <td>Entry fee</td> <td>£17 per person</td> </tr> <tr> <td>Transport</td> <td>£320</td> </tr> <tr> <td>Insurance</td> <td>£90</td> </tr> <tr> <td>Other costs</td> <td>£80</td> </tr> </table> <p>Orla charges £21 per person for the trip. 100 people go on the trip.</p> <p>Has Orla collected enough money to pay for all the costs of the trip?</p>	Entry fee	£17 per person	Transport	£320	Insurance	£90	Other costs	£80	<p><math>£17 \times 100 = £1700</math></p> <p><math>£320</math> <math>£90</math> <math>+ £80</math> <hr/><math>£2190</math></p> <p><math>£21 \times 100 = £2100</math></p> <p>No, Orla needs to collect <math>£90</math> more.</p>
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