
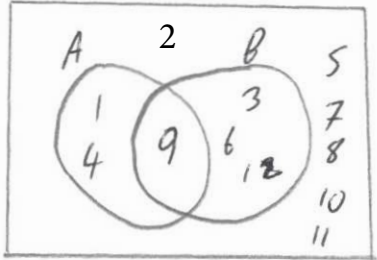
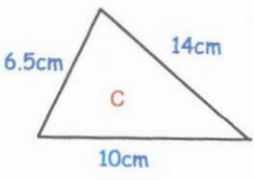
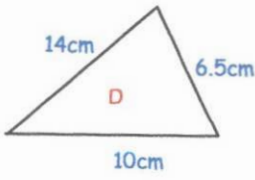


| 16th January  |  | <br>Corbettmaths |
|---|--|---|
| <p>Between which two consecutive integers does <math>\sqrt{87}</math> lie?</p> <p style="text-align: center;">9   2   10</p>  |  |   |
| <p><b>Solve <math>5x + 1 = 3x + 19</math></b></p> <p style="text-align: center;"><math>2x + 1 = 19</math><br/><math>2x = 18</math><br/><math>x = 9</math></p>   |  |   |
| <p>Cerys leaves £5000 in the bank for four years.<br/>It earns compound interest of 2% each year.</p> <p style="text-align: center;"><math>5000 \times 1.02^4</math></p>  | <p>Calculate the total amount Cerys has in the bank at the end of the four years.</p> <p style="text-align: center;">£ 5412.16</p> |   |
| <p><math>\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}</math><br/> <math>A = \{\text{square numbers}\} \quad 1 \quad 4 \quad 9</math><br/> <math>B = \{\text{multiples of 3}\} \quad 3 \quad 6 \quad 9 \quad 12</math></p> <p>Draw a Venn diagram for this information.</p>   |    |   |
| <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>6.5cm   14cm<br/>C<br/>10cm</p> </div> <div style="text-align: center;">  <p>14cm   6.5cm<br/>D<br/>10cm</p> </div> </div> | <p>State the condition why these triangles are congruent.</p> <p style="text-align: center;">SSS</p>                               |   |