
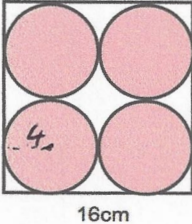


| 13th May | |
|---|---|
| <p>Barry buys 25 roses for £62.50 He sells each rose for £3</p> <p>Work out the percentage profit.</p> $25 \times 3 = 75$ | <p style="text-align: right;"> Corbettmaths</p> $75 - 62.50 = 12.5$ $\frac{12.5}{62.5} \times 100 = 20\%$ |
| <p>The distance between London and New York is 5,567,000 metres. Write this number in standard form.</p> 5.567×10^6 | |
| <p></p> <p>A logo is designed that has four pink circles within a white square.</p> | <p>The square has side length 16cm. Find the area of the logo that is white.</p> $16 \times 16 = 256$ $\pi \times 4^2 = 50.265\dots$ $50.265\dots \times 4 = 201.0619\dots$ $256 - 201.0619\dots = 54.938\dots \text{cm}^2$ |
| <p>The mass of an object is measured at 30g to the nearest gram.</p> <p>Complete the following statement to show the range of possible values of m.</p> | $\dots\dots\dots 29.5 \dots\dots \leq m < \dots\dots 30.5 \dots\dots$ |
| <p>Solve these simultaneous equations</p> $\begin{array}{r} 5x - 3y = 18 \quad \times 4 \\ 2x + 4y = 54 \quad \times 3 \end{array}$ $\begin{array}{r} 20x - 12y = 72 \\ 6x + 12y = 162 \quad \text{add} \\ \hline 26x = 234 \\ x = 9 \end{array}$ | $\begin{array}{r} 26x = 234 \\ x = 9 \\ 18 + 4y = 54 \\ y = 9 \end{array}$ |