
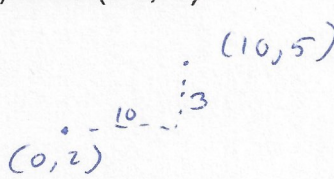


17th May		 Corbettmaths
Write as a single power of 4. $(4^5 \times 4^3)^4$ $(4^8)^4$	4^{32}	
What is 0.045 as a fraction of 0.03?	$\frac{0.045}{0.03} = 1.5 = \frac{3}{2}$	
The first three terms of a geometric sequence are: $3, 6\sqrt{2}, 24$ $\begin{array}{c} \rightarrow \quad \rightarrow \\ \times 2\sqrt{2} \quad \times 2\sqrt{2} \end{array}$	Work out the fourth term. $24 \times (2\sqrt{2})$ $48\sqrt{2}$	
Calculate the distance between (0, 2) and (10, 5) 	$10^2 + 3^2 = 109$ $\sqrt{109} = 10.44$	
Find the area of triangle XYZ $\frac{1}{2} \times 8 \times 10 \times \sin 79$ $= 39.265 \text{ cm}^2$	