


13th July	
Simplify $(\sqrt{2})^5$	 Corbettmaths
<p>A item in a shop is increased in price by 20% and then decreased in price by 20% a month later.</p> <p>Is there an overall increase or decrease in price and by how much?</p>	
<p>The length of a 80m running track is correct to the nearest metre.</p> <p>The time taken for Nicole to run the distance is 13.6 seconds measured to the nearest one-tenth of a second.</p>	What is the slowest possible average speed?
<p>A helicopter takes off from town A and travels 10 miles on a bearing of 090° and then 15 miles on a bearing of 180° to land at town B.</p> <p>What is the bearing of B from A?</p>	
<p>A football team obtains 3 points for a win, 1 point for a draw and no points for a loss.</p> <p>For any match $P(\text{win}) = 0.6$ $P(\text{draw}) = 0.3$ $P(\text{loss}) = 0.1$</p>	<p>The team plays 3 matches.</p> <p>What is the probability of the team obtaining exactly 7 points?</p>