
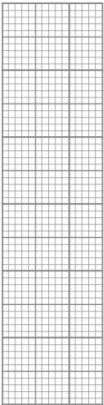

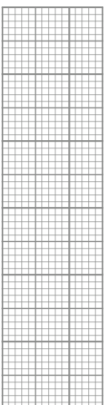


30th March	 Corbettmaths
<p>Every time a ball bounces of a surface, it rises to $\frac{4}{5}$ of the previous height.</p> <p>A ball is dropped from 5 metres and it allows to bounce freely.</p> <p>What is the smallest number of bounces until its rebound height is less than 3 metres?</p>	
<p>The lightest female rugby player is 50kg. The lower quartile is 62kg. The median is 72kg. The range is 40kg and interquartile range is 20kg.</p>	 <p>Draw a box plot to show this information</p>
<p>Work out</p> $\left(\frac{9}{25}\right)^{\frac{1}{2}}$	
<p>Factorise $7x^2 + 8x + 1$</p>	
<p>Prove</p> $(x + 2)(x - 3) \equiv (x - 2)(x + 1) - 4$	

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