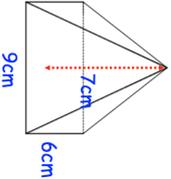
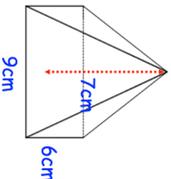


<p>21st April</p> 	<p>Find the volume</p> <p style="text-align: right;">Corbettmaths</p>
<p>The time, T, taken to serve the guests at a wedding is inversely proportional to the number of waiters, w.</p>	<p>The time is calculated by</p> $T = \frac{300}{w}$ <p>Work out how long it would serve the guests if there were 15 waiters.</p>
<p>Calculate how long it would take to serve the guests if there were 6 waiters.</p>	<p>Work out the difference in the time taken to serve the guests if there were 6 waiters or if there were 20 waiters.</p>
<p>Sally bought a piano for £2200. In each year the value of the piano increases by 11% of its value at the start of that year.</p>	<p>Calculate after how many complete years the value of the piano will be at least £3200.</p>
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