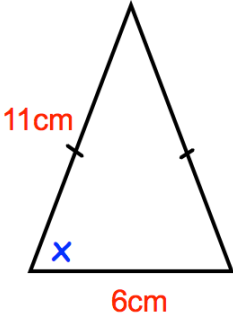


Name: _____

August 17	5-a-day	Higher						
 <p>11cm</p> <p>6cm</p> <p>x</p>	Find the size of x.							
$(3 \times 10^4) \div (6 \times 10^{-3})$								
<table border="1" data-bbox="172 969 764 1075"><thead><tr><th data-bbox="172 969 368 1021">Ireland</th><th data-bbox="368 969 564 1021">Wales</th><th data-bbox="564 969 764 1021">Scotland</th></tr></thead><tbody><tr><td data-bbox="172 1021 368 1075">8</td><td data-bbox="368 1021 564 1075">28</td><td data-bbox="564 1021 764 1075">44</td></tr></tbody></table> <p>A stratified sample of 20 is selected.</p> <p>How many from each country should be chosen?</p>	Ireland	Wales	Scotland	8	28	44		
Ireland	Wales	Scotland						
8	28	44						
<p>y is directly proportional to the square of x.</p> <p>When $y = 24$, $x = 2$.</p> <p>Find the value of y when $x = 4$.</p>								
<p>Simplify fully.</p> $\frac{a^{1/5} \times a^{2/3}}{a^{3/5}}$								