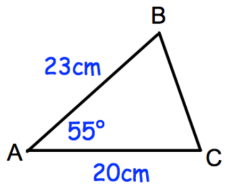
Name: _____ 5-a-day Higher

11th March

Corbettmaths

Which equation has solutions which are rational? $\frac{4y^2}{6} = 10$ $\frac{4y^2}{8} = 11$ $\frac{4y^2}{3} = 12$	
Write down the gradient of a line that is perpendicular to the line $y = 2x$	Write down the equation of a line perpendicular to $y = 2x$
A is inversely proportional to the square of B. When A = 10, B = 4. Find A when B = 10	
Simplify $\frac{x^2 + 8x + 15}{x^2 - x - 12}$	
	Find the length of BC

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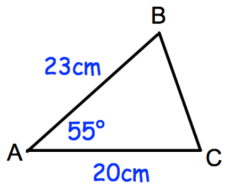	Find the length of BC

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