



25th January Prove the angles in a triangle add up to 180° . Hint: consider parallel lines.	 Corbettmaths
A boat sails 4 miles North from A to B. Then the boat sails 5 miles North-East from B to C. The boat then sails directly back to C.	How far does the boat sail in total?
Rationalise the denominator of $\frac{2 + \sqrt{3}}{\sqrt{5} - 1}$	
x is an obtuse angle. Given $\sin(x) = \frac{5}{13}$	Find $\cos(x)$
Expand and simplify $(1 + \sqrt{2})(1 + \sqrt{3})(2 - \sqrt{3})$	

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