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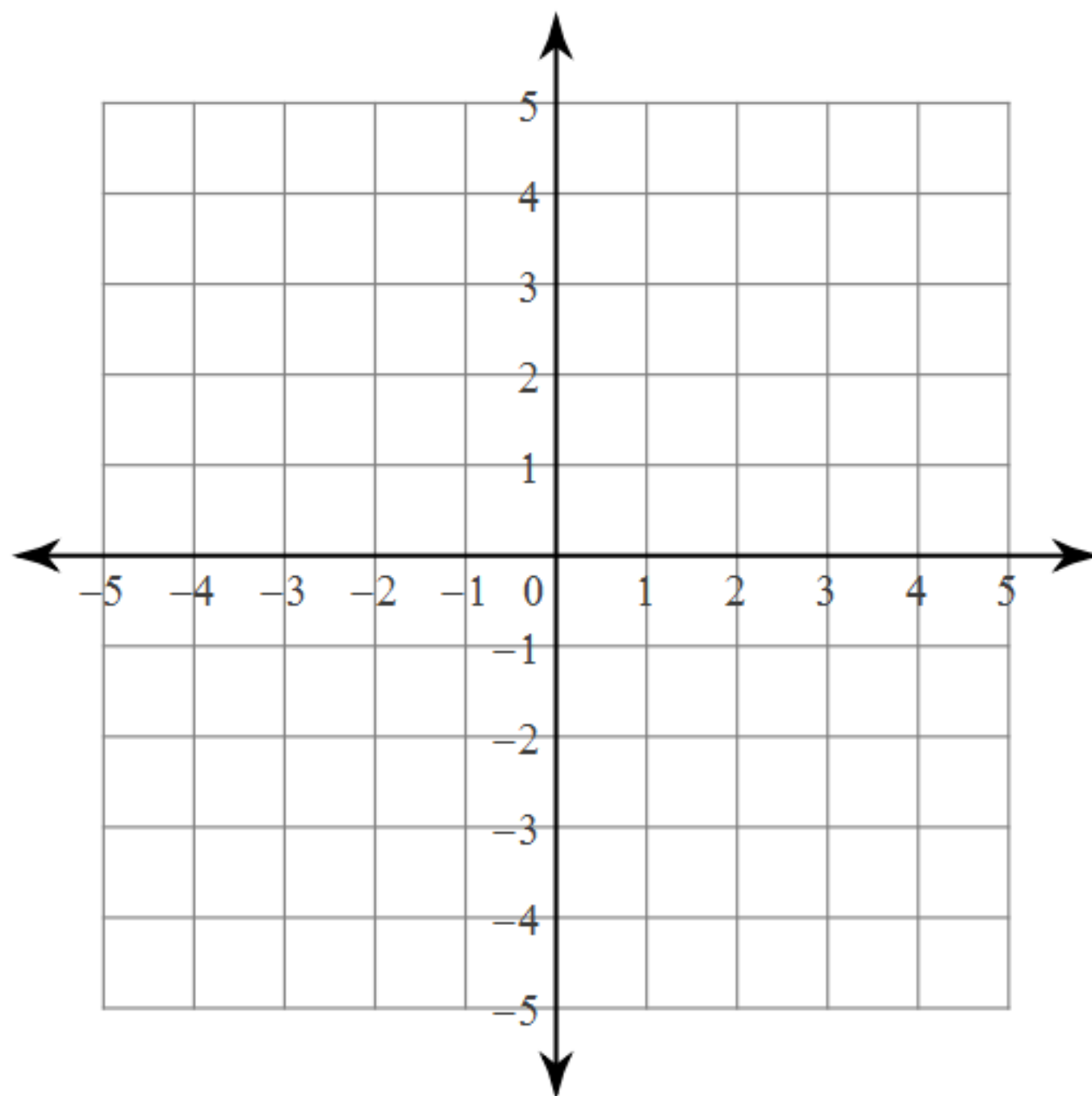
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10) $x - 2y = -4$
 $x + 2y = 8$



$$x - 2y = -4$$

$$\frac{x}{2} + 4 = \frac{2y}{2}$$

$$y = \frac{x}{2} + 2$$

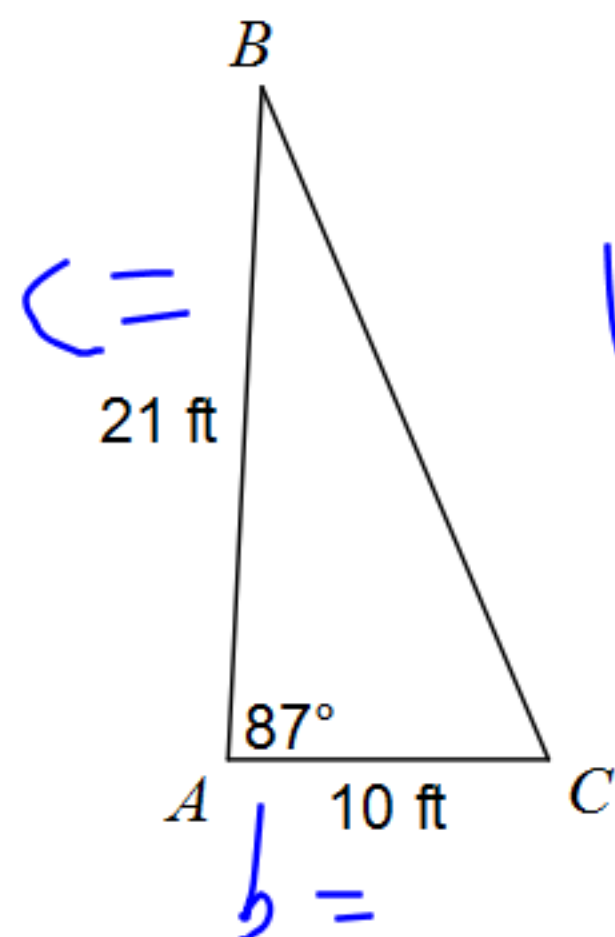
$$x + 2y = 8$$

Feb 23/16



Find each measurement indicated. Round your answers to the nearest tenth.

11) Find $m\angle B$



$b^2 = a^2 + c^2 - 2ac(\cos B)$

We need a

$a^2 = b^2 + c^2 - 2bc(\cos A)$

$a^2 = 10^2 + 21^2 - (2(10)(21)(\cos 87^\circ))$

$a^2 = 519$

$a = 22.8 \text{ ft}$

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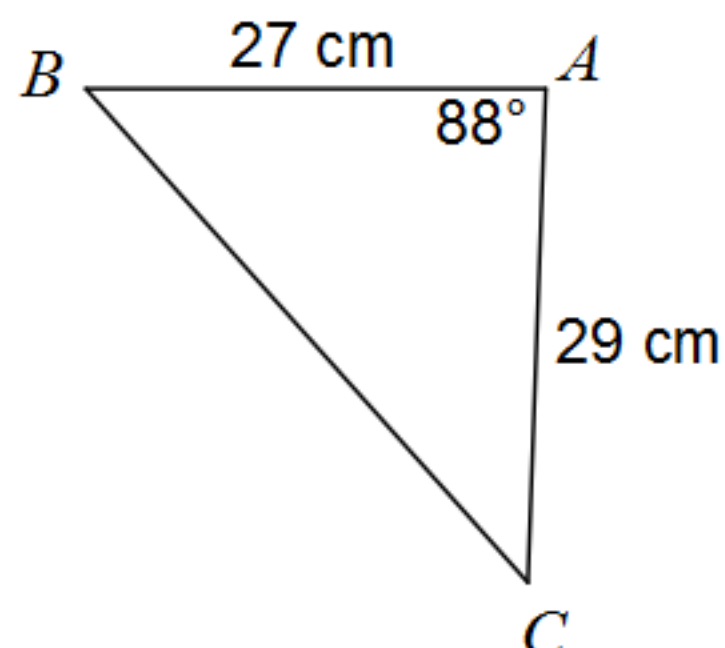
Jump



1-up

Find each measurement indicated. Round your answers to the nearest tenth.

12) Find $m\angle B$



$$\cos B = \frac{a^2 + c^2 - b^2}{2ac}$$

$$a^2 = b^2 + c^2 - 2bc(\cos A)$$