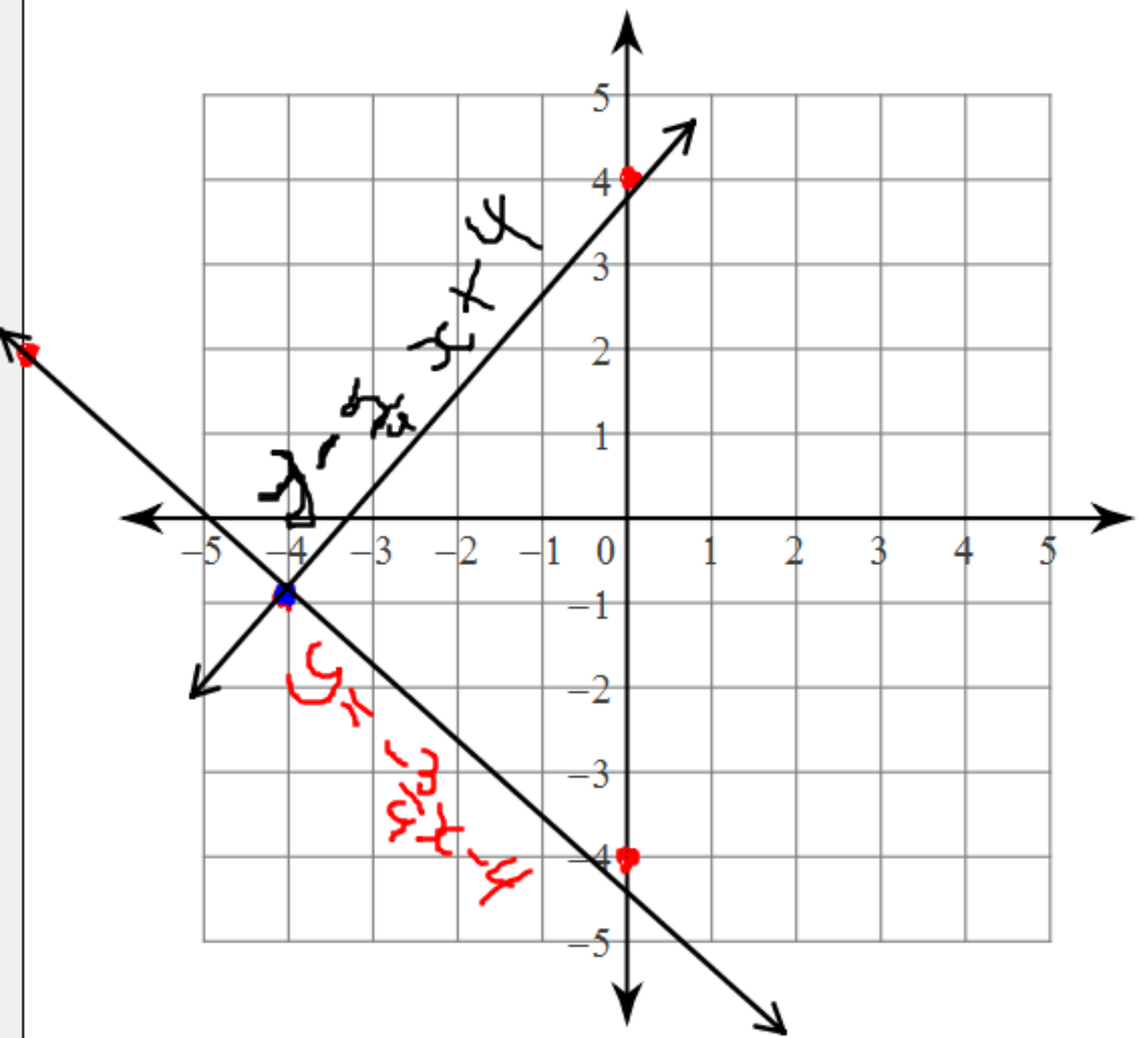
7) $y = \frac{5}{4}x + 4$

(1)

(2) $y = -\frac{3}{4}x - 4$

Rise / Run



POI (−4, −1)

Feb 17/16

$y = mx + b$

1. $m = \frac{5}{4}$

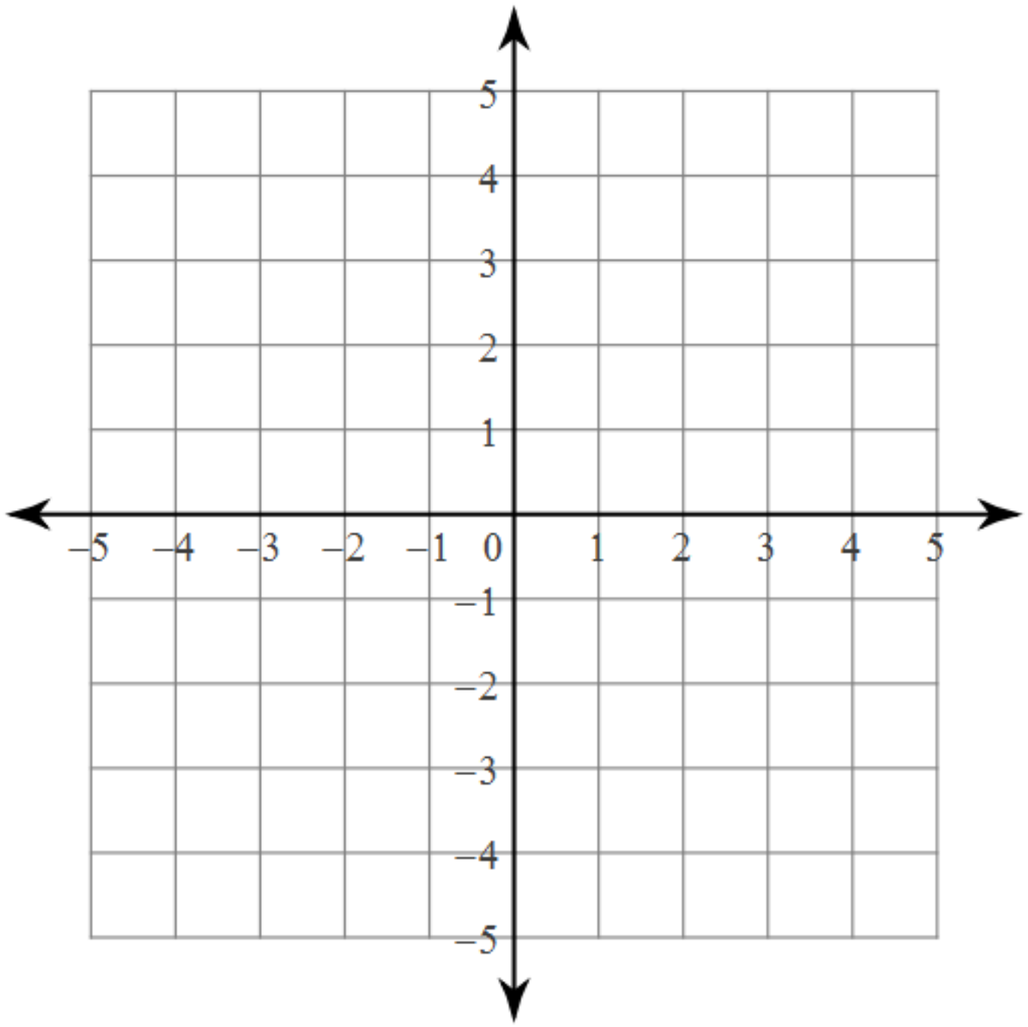
$b = 4$

2. $m = -\frac{3}{4}$

$b = -4$

8) $2x - y = -4$

$x - 2y = 4$



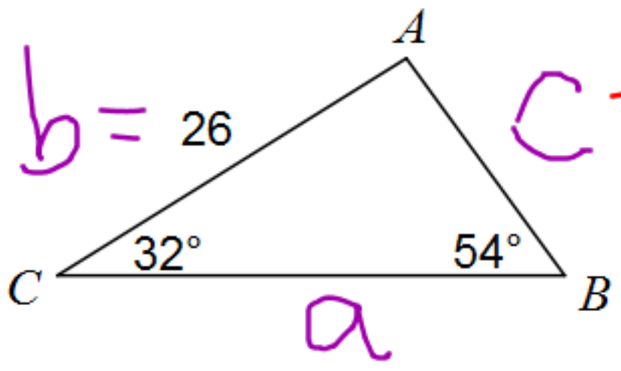
Infinite Algebra 2

Question numbers | Show answers | Directions | Changing questions hides answers | Lines | Zoom: | More like these | ← | Jump | → | 1-up

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

Feb 17

2) Find AB



b = 26 c = 17

a

$\frac{c}{\sin C} = \frac{b}{\sin B}$

$\angle A = 180 - (32 + 54)$

$\angle A = 180 - 86$

$\angle A = 94°$

$\frac{c}{\sin 32^\circ} = \frac{26}{\sin 54^\circ}$

$c \sin 54^\circ = 26 \sin 32^\circ$

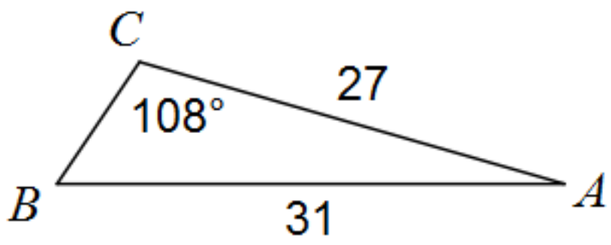
$\frac{c \sin 54^\circ}{\sin 54^\circ} = \frac{26 \sin 32^\circ}{\sin 54^\circ}$

$c \approx 17$.

9:13 AM
2/17/2016

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

8) Find $m\angle B$



$$\frac{\sin B}{b} = \frac{\sin C}{c}$$

$$\frac{\sin B}{27} = \frac{\sin 108}{31}$$

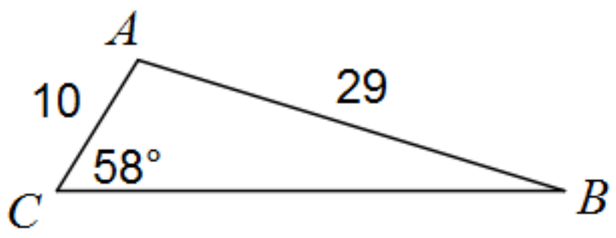
$$\frac{31 \sin B}{31} = \frac{27 \sin 108}{31}$$

$$\sin B = 0.8263$$

$$\sin^{-1} B = 56$$

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

9) Find $m\angle B$



$$\frac{\sin\angle B}{b} = \frac{\sin\angle C}{c}$$

Finish sin Law handout

$$\frac{\sin\angle B}{10} = \frac{\sin 58}{29}$$

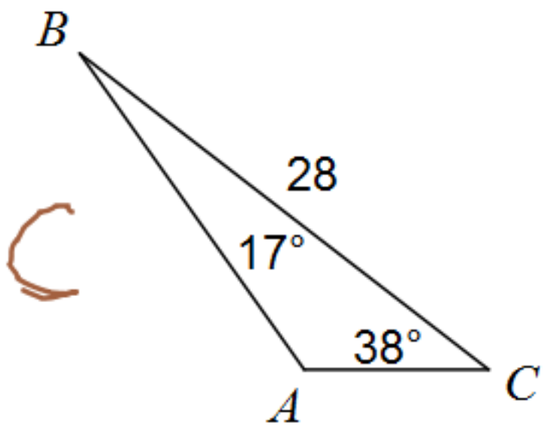
$$\frac{29\sin B}{29} = \frac{10\sin 58}{29}$$

$$\sin B = 0.2924$$

$$\angle B = 17^\circ$$

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

3) Find AB



C

$\frac{c}{\sin C} = \frac{a}{\sin A}$

$\angle A = 180 - (38 + 17)$

$\angle A = 180 - 55$

$\angle A = 125^\circ$

$\frac{c}{\sin 38^\circ} = \frac{28}{\sin 25^\circ}$

$c \sin 125^\circ = 28 \sin 38^\circ$

$\frac{c \sin 125^\circ}{\sin 125^\circ} = \frac{28 \sin 38^\circ}{\sin 125^\circ}$

$c = 21$