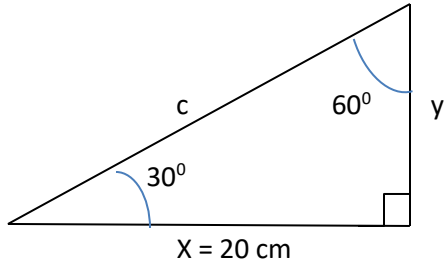
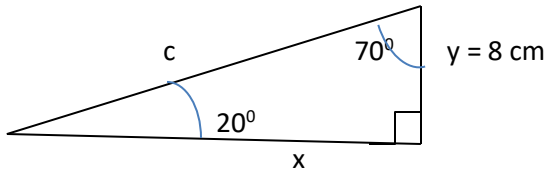


Solve each of the following using Sin, Cos, and/or Tan. Show your work on another sheet and attach.



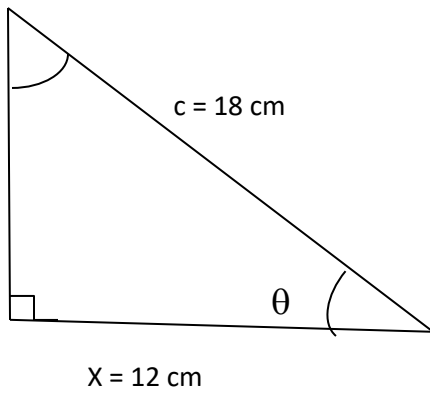
$y =$ _____ 2 pts

$c =$ _____ 2 pts



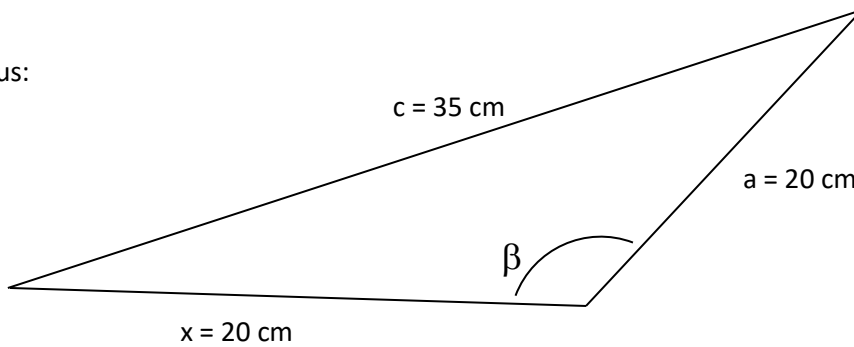
$x =$ _____ 2 pts

$c =$ _____ 2 pts



$\theta =$ _____ 2 pts

Bonus:



$\beta =$ _____ 1 pt

Answers:

$$y = 11.55 \text{ cm}$$

$$c = 23.09 \text{ cm}$$

$$x = 21.98 \text{ cm}$$

$$c = 23.39 \text{ cm}$$

$$\theta = 48.19^\circ$$

$$\beta = 122.09^\circ$$