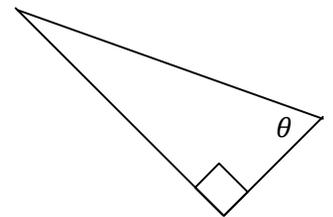
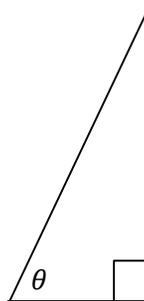
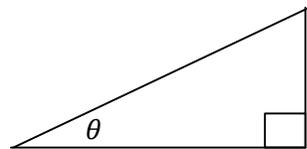
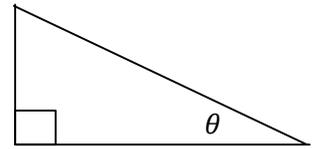
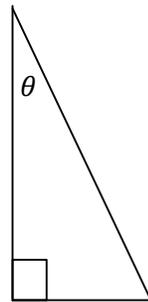
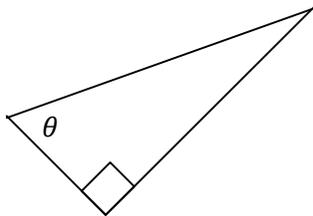
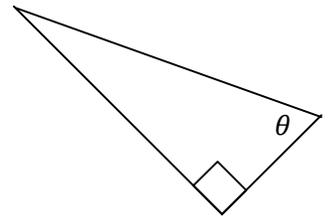
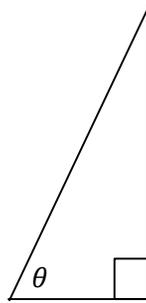
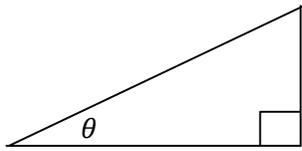
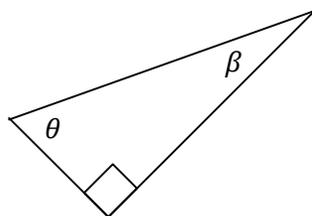


# M10 - 3.1 - Trig Label Sides HW

Label Hypotenuse, Opposite, and Adjacent to  $\theta$  (*the angle*)

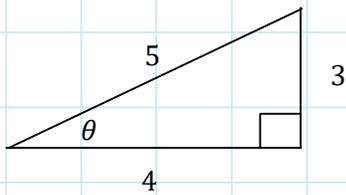


Label Hypotenuse, Opposite, and Adjacent to  $\theta$  and  $\beta$  (*the angle*)



# M10 - 3.1 - Trig Ratios HW

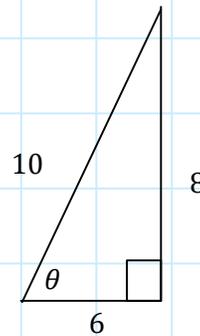
Label Hypotenuse, Opposite, and Adjacent to  $\theta$  (*the angle*) and State the ratio.



$$\sin\theta =$$

$$\cos\theta =$$

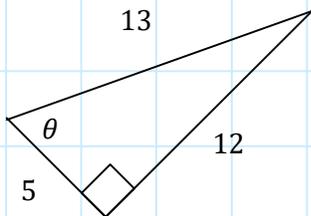
$$\tan\theta =$$



$$\sin\theta =$$

$$\cos\theta =$$

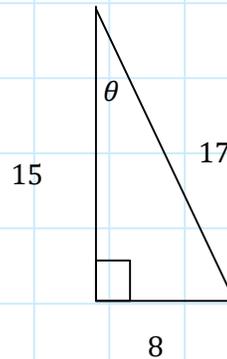
$$\tan\theta =$$



$$\sin\theta =$$

$$\cos\theta =$$

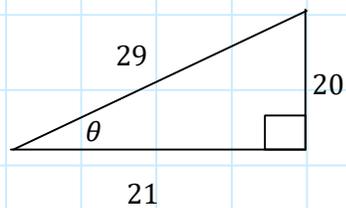
$$\tan\theta =$$



$$\sin\theta =$$

$$\cos\theta =$$

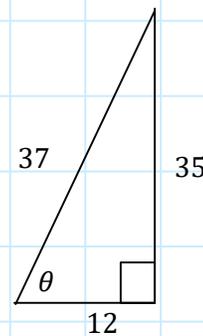
$$\tan\theta =$$



$$\sin\theta =$$

$$\cos\theta =$$

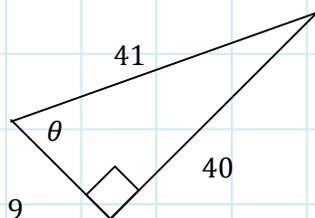
$$\tan\theta =$$



$$\sin\theta =$$

$$\cos\theta =$$

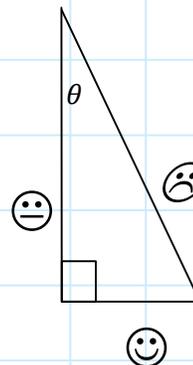
$$\tan\theta =$$



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

# M10 - 3.2 - Trig Ratios Calc HW

Plug into your Calculator to 3 Decimals, Draw a Triangle, State Meaning.

$$\sin 0 =$$

$$\cos 0 =$$

$$\tan 0 =$$

$$\sin 15 =$$

$$\cos 15 =$$

$$\tan 15 =$$

$$\sin 30 =$$

$$\cos 30 =$$

$$\tan 30 =$$

$$\sin 45 =$$

$$\cos 45 =$$

$$\tan 45 =$$

$$\sin 60 =$$

$$\cos 60 =$$

$$\tan 60 =$$

$$\sin 75 =$$

$$\cos 75 =$$

$$\tan 75 =$$

$$\sin 90 =$$

$$\cos 90 =$$

$$\tan 90 =$$

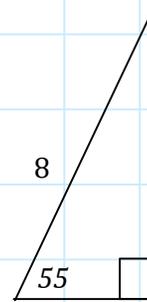
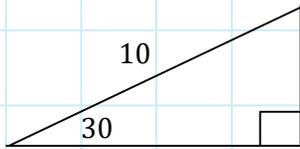
$$\sin 120 =$$

$$\cos 120 =$$

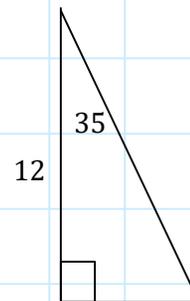
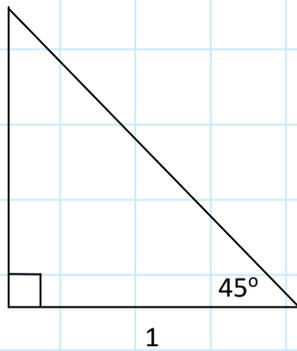
$$\tan 120 =$$

# M10 - 3.2 - Trig Ratios Solve Opp HW

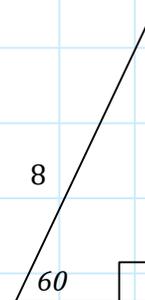
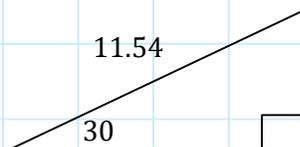
Solve for Opposite.



Solve for Opposite.

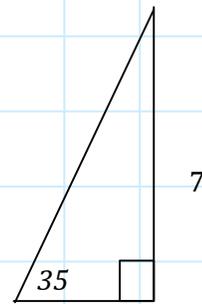
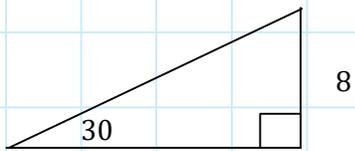


Solve for Adjacent.

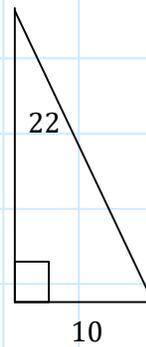
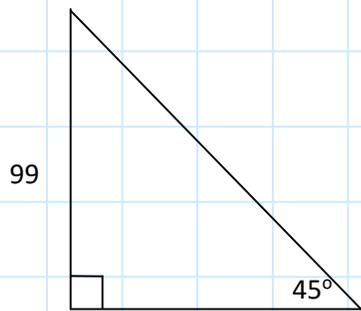


# M10 - 3.2.- Trig Ratios Solve Hyp HW

Solve for Hypotenuse.



Solve for Adjacent.

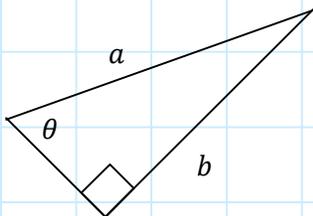
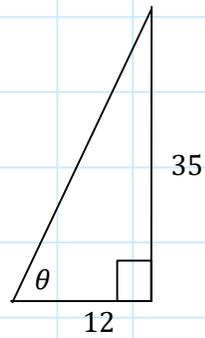
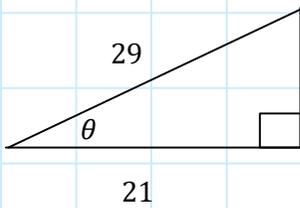
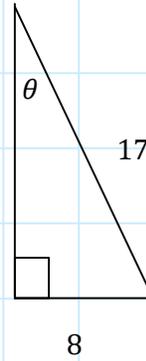
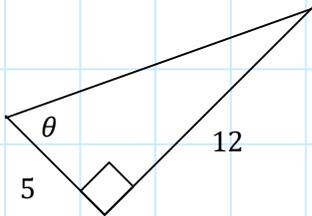
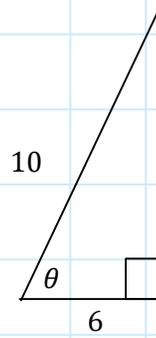
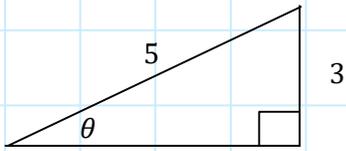


Solve for Hypotenuse.



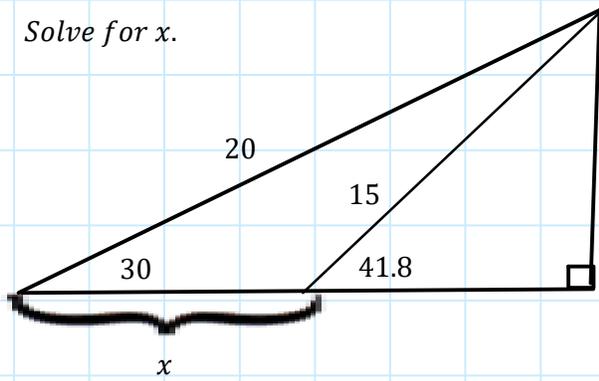
# M10 - 3.2 - Trig Angles Solve Theta HW

Solve for  $\theta$  (the angle)

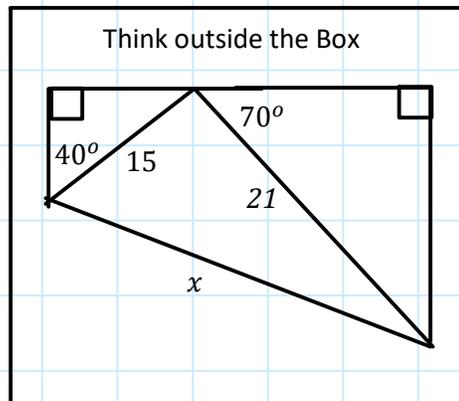
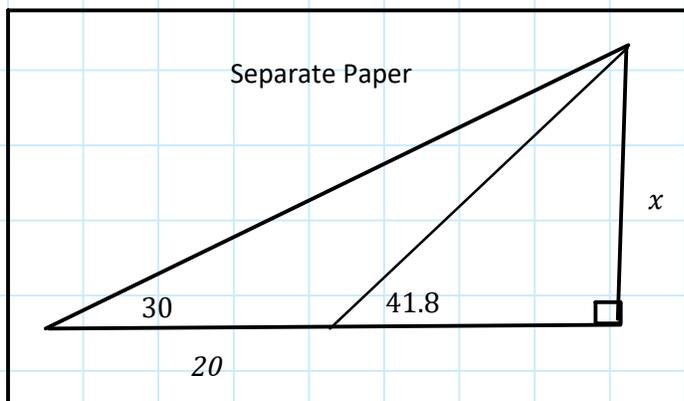
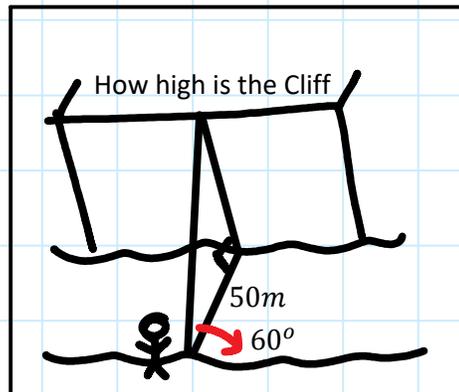
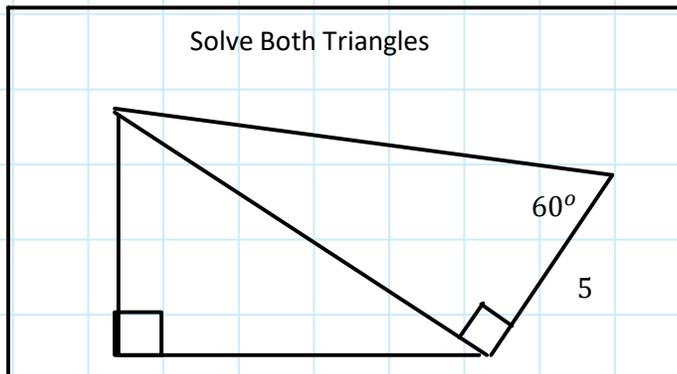
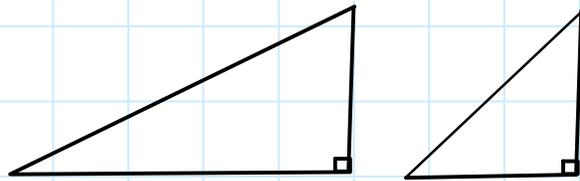


# M10 - 3.3 - Trig Cliff Word Problems HW

Solve for  $x$ .

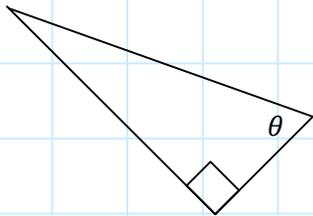


Redraw!

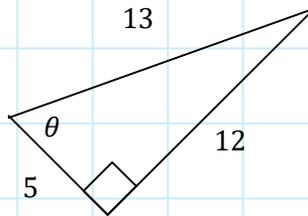


# M10 - 3.3 - Trig Review

Label Hypotenuse, Opposite, and Adjacent to  $\theta$  (*the angle*)



Label Hypotenuse, Opposite, and Adjacent to  $\theta$  (*the angle*) and State the ratio.

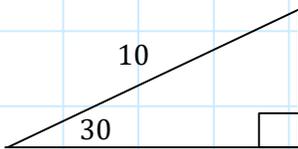


$\cos\theta =$

Solve on calculator to 3 decimals

$\tan 25 =$

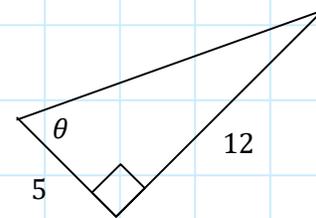
Solve for Opposite.



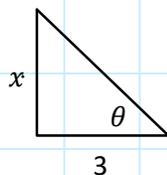
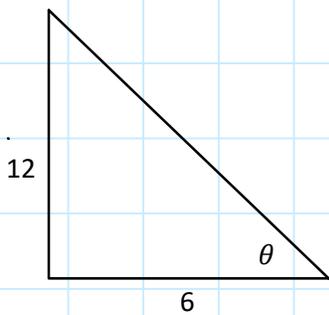
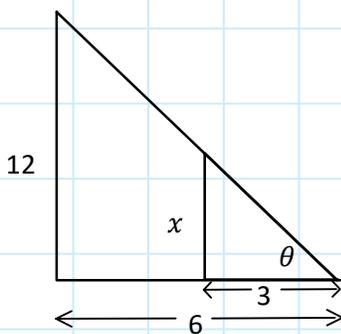
Solve for Hypotenuse.



Solve for  $\theta$  (*the angle*)



Solve for  $x$ . Find  $\tan\theta$  and  $\theta$  in both diagrams below.



Solve for  $x$ .