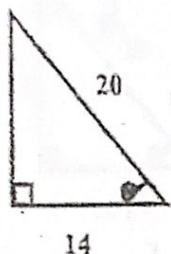


Trigonometry – Finding Theta

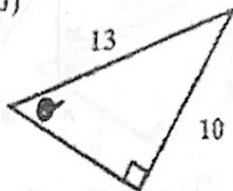
** For each of the following,

#1

a)



b)



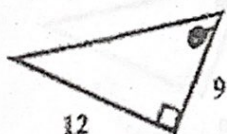
c)



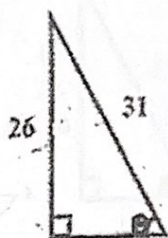
d)



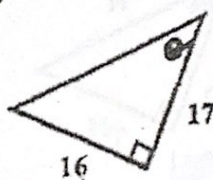
e)



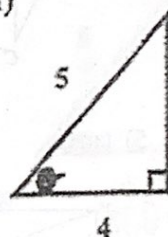
f)



g)



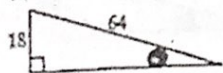
h)



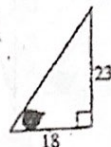
#2 For each triangle

- Decide on which trigonometric ratio you will use to find the missing angle.
- Find the missing side.

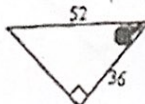
(a)



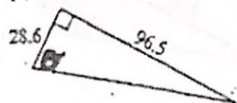
(b)



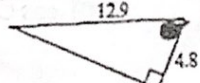
(c)



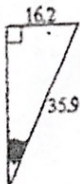
(d)



(e)



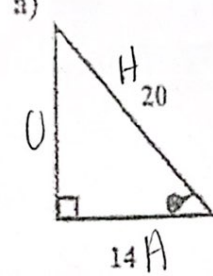
(f)

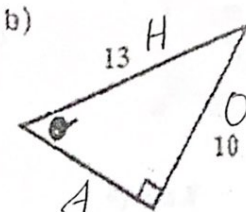


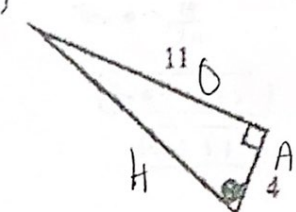
Trigonometry - Finding Theta


** For each of the following,

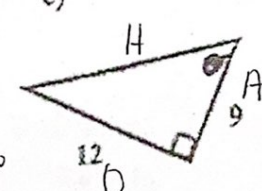
#1

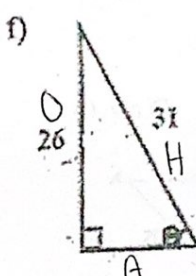
a)  $\cos \theta = \frac{14}{20}$
 $\theta = 46^\circ$

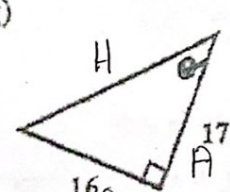
b)  $\sin \theta = \frac{10}{13}$
 $\theta = 50^\circ$

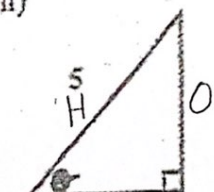
c)  $\tan \theta = \frac{4}{4}$
 $\theta = 70^\circ$

d)  $\sin \theta = \frac{8}{17}$
 $\theta = 28^\circ$

e)  $\tan \theta = \frac{9}{12}$
 $\theta = 53^\circ$

f)  $\sin \theta = \frac{26}{31}$
 $\theta = 57^\circ$

g)  $\tan \theta = \frac{16}{17}$
 $\theta = 43^\circ$

h)  $\cos \theta = \frac{4}{5}$
 $\theta = 37^\circ$

#2 For each triangle

- Decide on which trigonometric ratio you will use to find the missing angle.
- Find the missing side.

