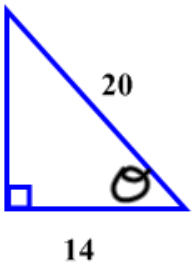
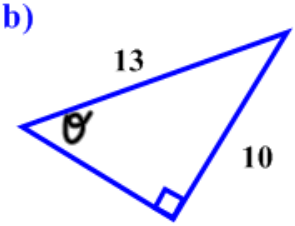
#1

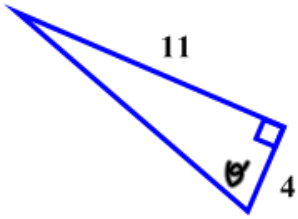
a)



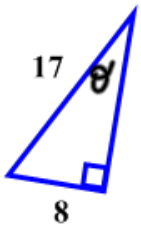
b)



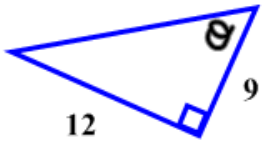
c)



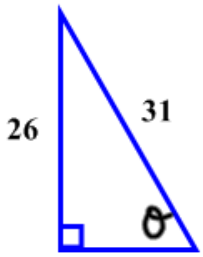
d)



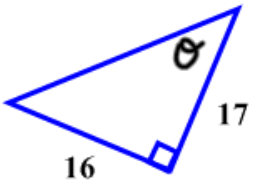
e)



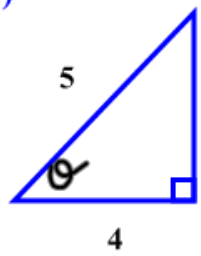
f)



g)

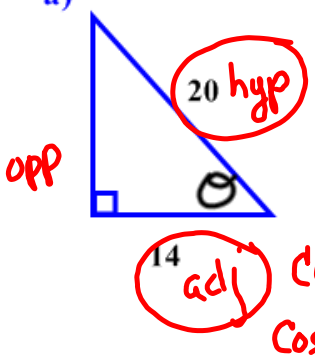


h)



#1

a)

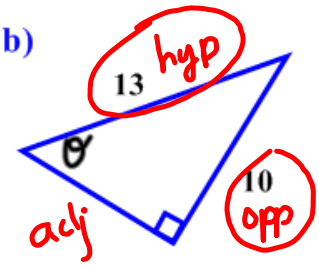


$\cos\theta = \frac{a}{h}$

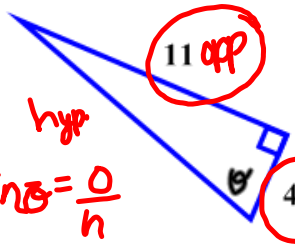
$\cos\theta = \frac{14}{20}$

$\theta = 46°$

b)



c)

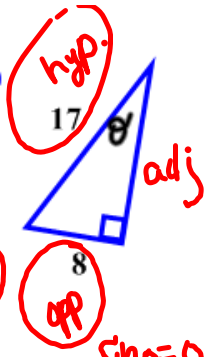


$\sin\theta = \frac{o}{h}$

$\sin\theta = \frac{10}{13}$

$\theta = 50°$

d)



$\tan\theta = \frac{o}{a}$

$\tan\theta = \frac{4}{4}$

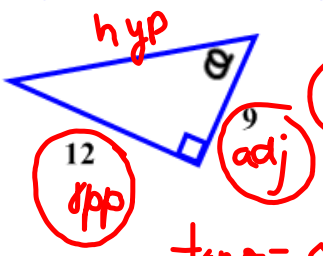
$\theta = 70°$

$\sin\theta = \frac{o}{h}$

$\sin\theta = \frac{8}{17}$

$\theta = 28°$

e)

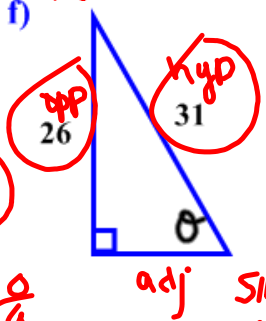


$\tan\theta = \frac{o}{a}$

$\tan\theta = \frac{12}{9}$

$\theta = 53°$

f)

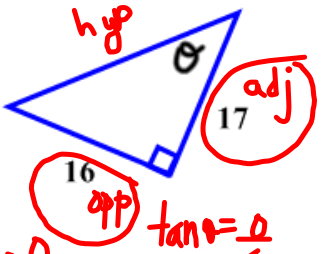


$\sin\theta = \frac{o}{h}$

$\sin\theta = \frac{26}{31}$

$\theta = 57°$

g)

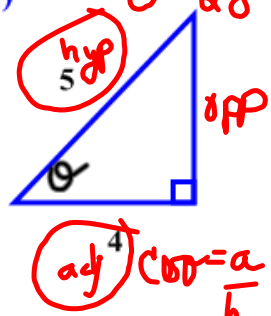


$\tan\theta = \frac{o}{a}$

$\tan\theta = \frac{16}{17}$

$\theta = 43°$

h)



$\cos\theta = \frac{a}{h}$

$\cos\theta = \frac{4}{5}$

$\theta = 37°$