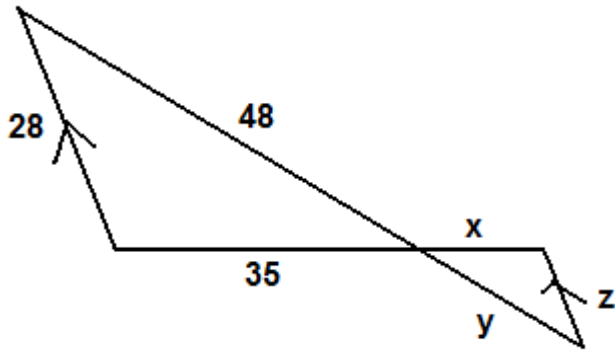


Show your work used to solve for each requested variable. (Including why triangles are similar.)

1.)

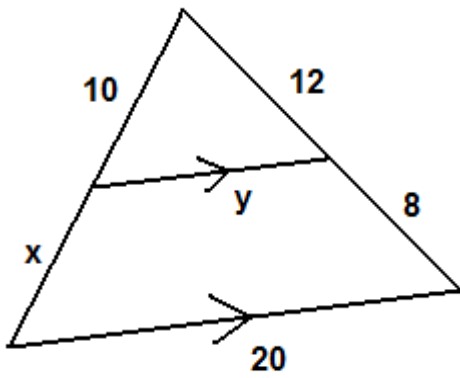


$x =$ _____

$y =$ _____

$z =$ _____

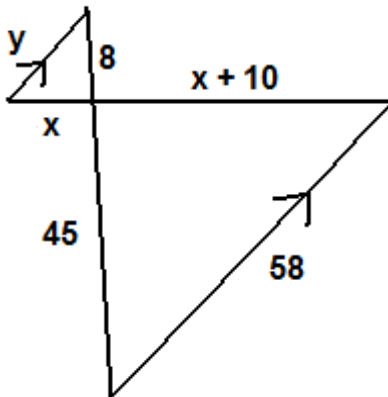
2.)



$x =$ _____

$y =$ _____

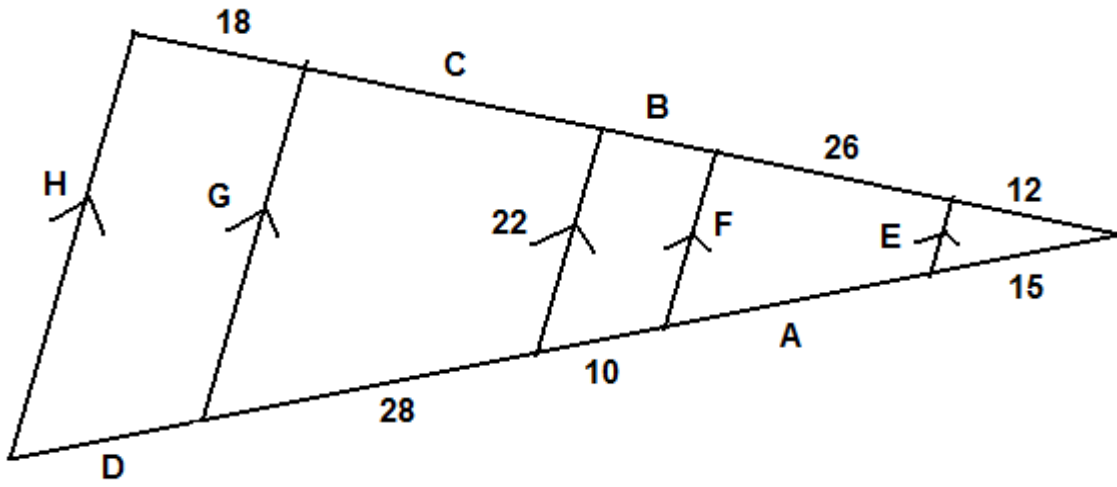
3.)



$x =$ _____

$y =$ _____

4.)



A = _____

B = _____

C = _____

D = _____

E = _____

F = _____

G = _____

H = _____