Similar Triangles
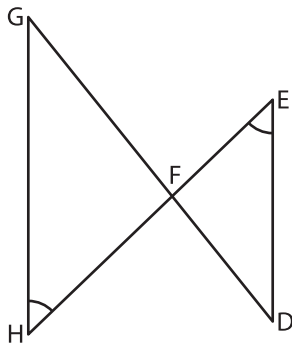
Find the value of x.
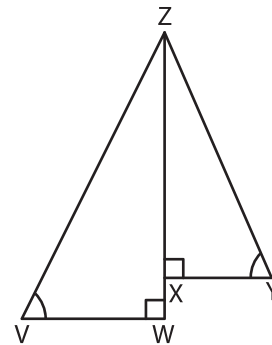
1)

FE = 5 yd ; DE = 10 yd ;

GH = (6x) y[...]

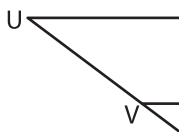x = _____

2)

YZ = 30 in ; XY = 12 in ;

[...] + 4) in ; VZ = 35 in
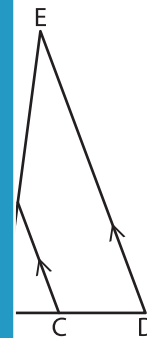
3)

UR = 40 ft ; RT[...]

VR = 25 ft ;

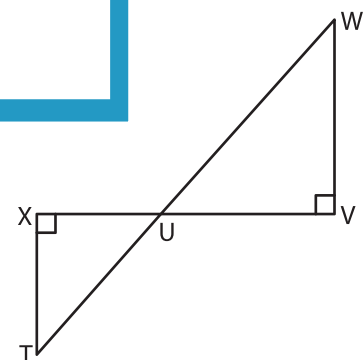x = _____

[...] 1) yd ; BC = 2 yd ;

[...] yd ; BE = 27 yd

5)

QR = 21 in ; RS = 36 in ;

PQ = 48 in ; TP = (7x) in

x = _____

TU = 45 ft ; XU = (−4x + 2) ft ;

UV = 42 ft ; UW = 63 ft

x = _____