Similar Triangles
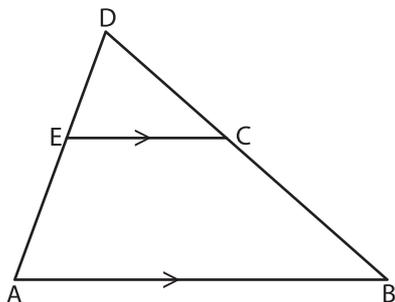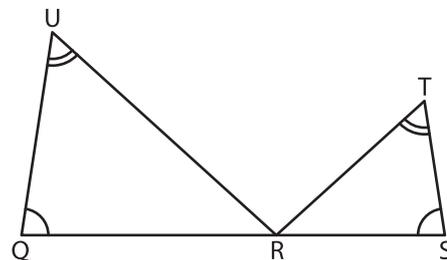
Find the value of x.

1)

AB = 49 in ; AD = 35 in ;

CE = 21 in ; D

$x =$ _____

2)

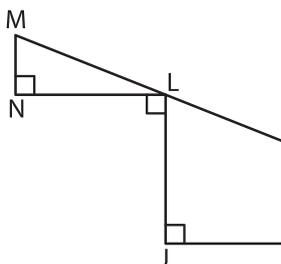TR = 11 ft ; SR = 9 ft ;

6 ft ; UR = (4x) ft

_____
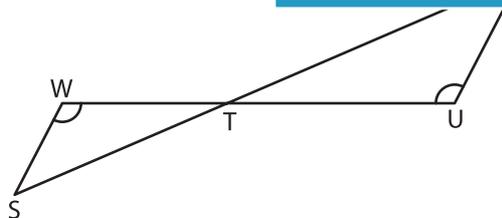
3)

MN = 4 yd ; N

LJ = 10 yd ;

$x =$ _____

4)

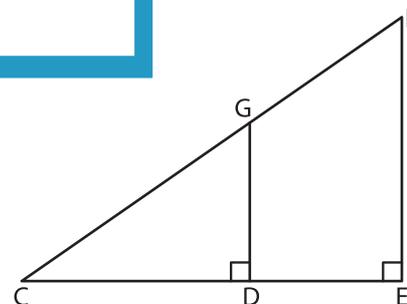8 in ; XY = 24 in ;

- 2x) in ; UY = 21 in

_____

5)

WS = (−x + 25) ft ; WT = 44 ft ;

UV = 40 ft ; TU = 55 ft

$x =$ _____

6)

CE = 50 yd ; EF = 35 yd ;

CD = (3x + 12) yd ; DG = 21 yd

$x =$ _____