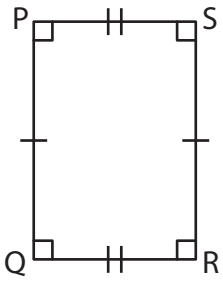
Area of a Quadrilateral

Find the area of each quadrilateral.

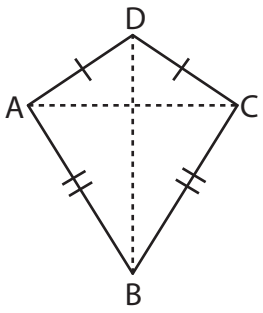
1)



RS = 8.3 ft ; SP = 2.3 ft

Area = _____

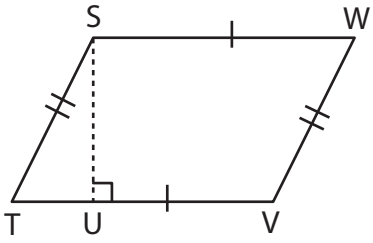
2)



AC = 5.6 yd ; BD = 9.7 yd

Area = _____

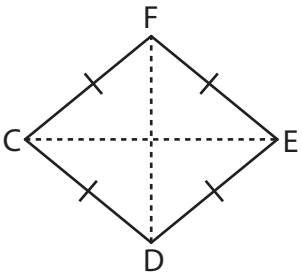
3)



TV = 7.4 in ; SU = 3.2 in

Area = _____

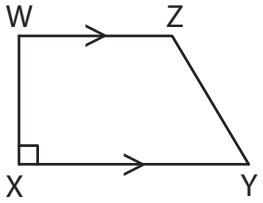
4)



CE = 13.4 in ; DF = 8.6 in

Area = _____

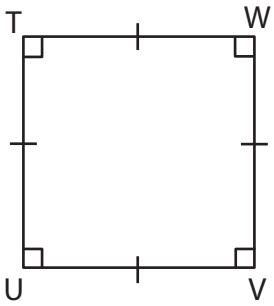
5)



WX = 4.5 ft ; XY = 8.9 ft ; WZ = 6.7 ft

Area = _____

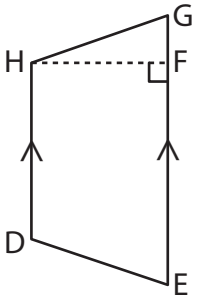
6)



UV = 9.1 yd

Area = _____

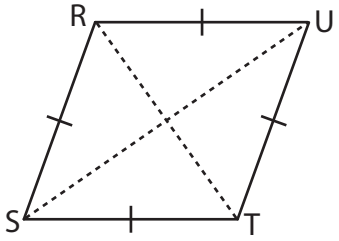
7)



EG = 12.7 yd ; DH = 7.3 yd ; FH = 3.8 yd

Area = _____

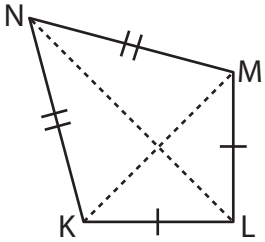
8)



SU = 11.2 in ; RT = 6.5 in

Area = _____

9)



KM = 2.4 ft ; LN = 8.5 ft

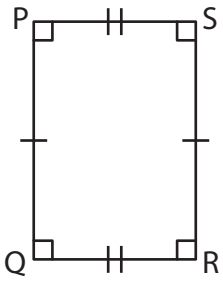
Area = _____

Area of a Quadrilateral

Answer Key

Find the area of each quadrilateral.

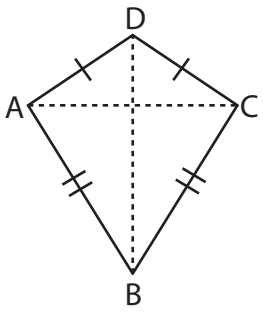
1)



RS = 8.3 ft ; SP = 2.3 ft

Area = **19.09 ft²**

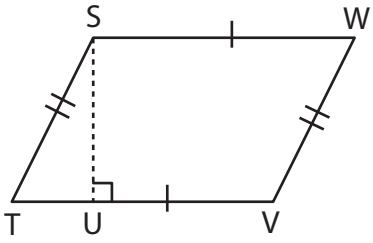
2)



AC = 5.6 yd ; BD = 9.7 yd

Area = **27.16 yd²**

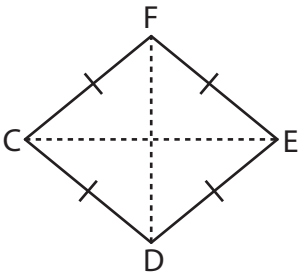
3)



TV = 7.4 in ; SU = 3.2 in

Area = **23.68 in²**

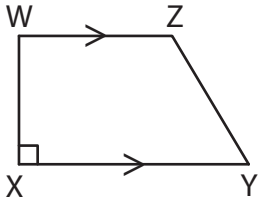
4)



CE = 13.4 in ; DF = 8.6 in

Area = **57.62 in²**

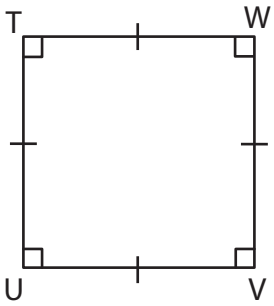
5)



WX = 4.5 ft ; XY = 8.9 ft ; WZ = 6.7 ft

Area = **35.1 ft²**

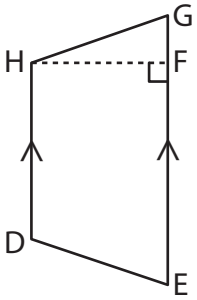
6)



UV = 9.1 yd

Area = **82.81 yd²**

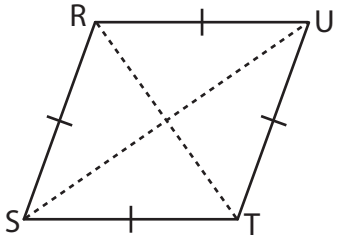
7)



EG = 12.7 yd ; DH = 7.3 yd ; FH = 3.8 yd

Area = **38 yd²**

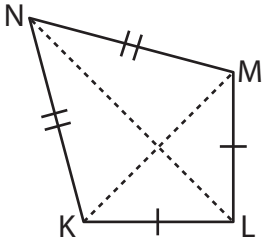
8)



SU = 11.2 in ; RT = 6.5 in

Area = **36.4 in²**

9)



KM = 2.4 ft ; LN = 8.5 ft

Area = **10.2 ft²**