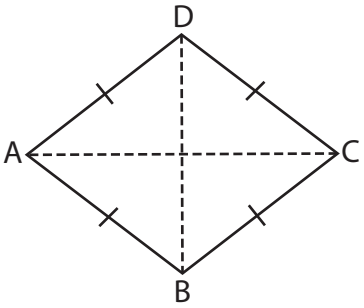
Name : _____

Area – Quadrilateral

L3S1

Find the area of each quadrilateral.

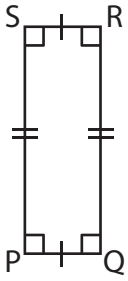
1)



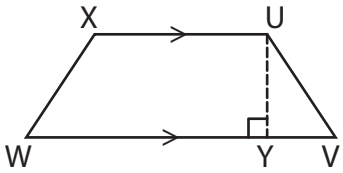
BD = $5\frac{5}{8}$ ft ; AC = $6\frac{8}{9}$ ft

Area =

2)



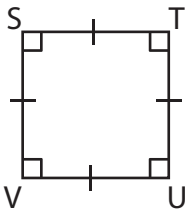
3)



WV = 6 yd ; XU = $5\frac{9}{10}$ yd ; UY = $4\frac{2}{7}$ yd

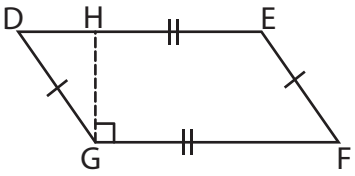
Area =

4)



SV = $\frac{3}{5}$ in

Area =



GH = $\frac{7}{11}$ yd ; DE = $\frac{3}{4}$ yd

Area =

7) What is the area of the ...eet?

_____

8) If the diagonals of a kite measure $\frac{12}{17}$ inch and $1\frac{3}{5}$ inches, determine the area of the kite.

_____

Name : _____

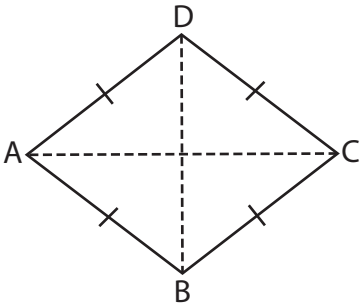
Answer key

Area – Quadrilateral

L3S1

Find the area of each quadrilateral.

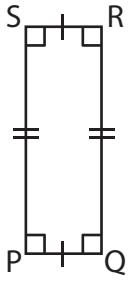
1)



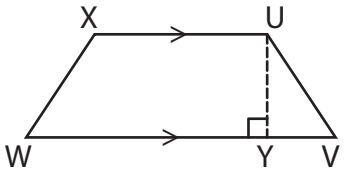
BD = $5\frac{5}{8}$ ft ; AC = $6\frac{8}{9}$ ft

Area = **$\frac{155}{8}$ or $19\frac{3}{8}$ ft²**

2)



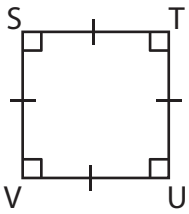
3)



WV = 6 yd ; XU = $5\frac{9}{10}$ yd ; UY = $4\frac{2}{7}$ yd

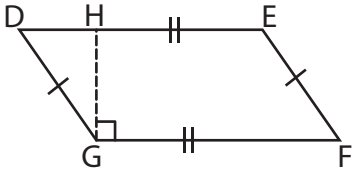
Area = **$\frac{51}{2}$ or $25\frac{1}{2}$ yd²**

4)



SV = $\frac{3}{5}$ in

Area = **$\frac{9}{25}$ in²**



GH = $\frac{7}{11}$ yd ; DE = $\frac{3}{4}$ yd

Area = **$\frac{21}{44}$ yd²**

7) What is the area of the [illegible] eet?

$\frac{102}{7}$ or $14\frac{4}{7}$ square feet

8) If the diagonals of a kite measure $\frac{12}{17}$ inch and $1\frac{3}{5}$ inches, determine the area of the kite.

$\frac{48}{85}$ square inch