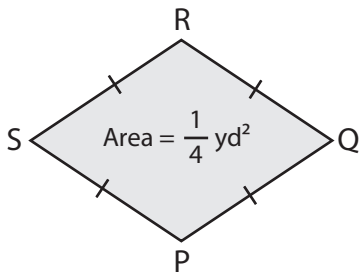


Name : \_\_\_\_\_

## Area - Quadrilateral

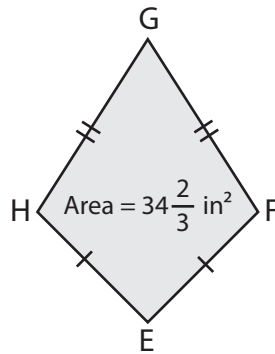
Sheet 3

1)



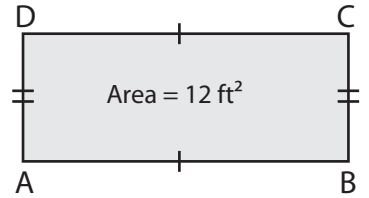
$PR = \frac{3}{7}$  yd. Find  $SQ$ .

2)



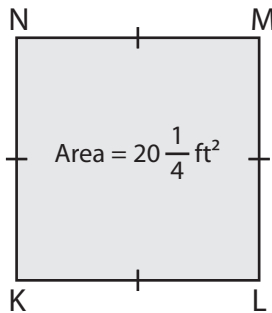
$FH = \frac{16}{3}$  in. Find  $EG$ .

3)



$BC = 2\frac{1}{4}$  ft. Find  $AB$ .

4)



Find  $KL$ .

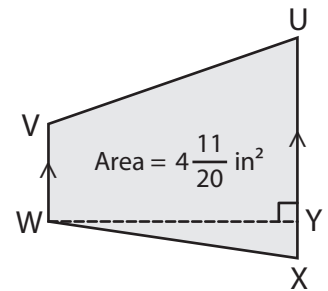
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$UX = 2\frac{1}{5}$  in,  $WY = 3\frac{1}{2}$  in, Find  $VW$ .

7) The area of a kite is  $34\frac{6}{7}$  of the other diagonal.

ures  $5\frac{5}{7}$  feet, find the length

8) The height of a parallelogram is  $\frac{16}{7}$  yards. Determine the base, if the area of the parallelogram is 8 square yards.

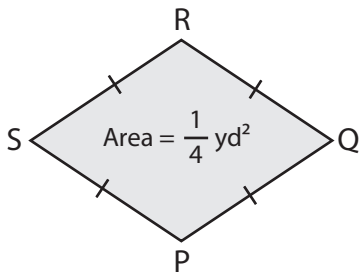
Name : \_\_\_\_\_

**Answer key**

**Area - Quadrilateral**

Sheet 3

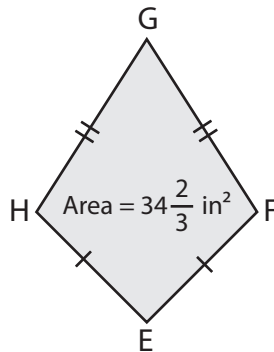
1)



$PR = \frac{3}{7} \text{ yd}$ . Find SQ.

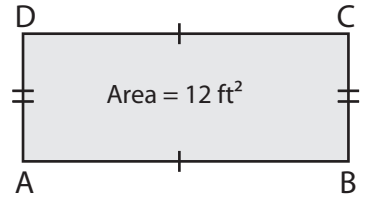
**$SQ = \frac{7}{6} \text{ or } 1\frac{1}{6} \text{ yd}$**

2)



$FH = \frac{16}{3} \text{ in}$ . Find EG.

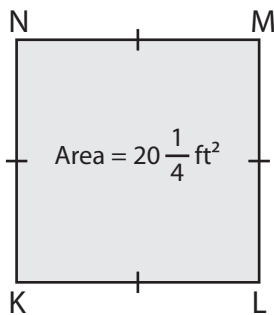
3)



$BC = 2\frac{1}{4} \text{ ft}$ . Find AB.

**$AB = \frac{16}{3} \text{ or } 5\frac{1}{3} \text{ ft}$**

4)



Find KL.

**$KL = \frac{9}{2} \text{ or } 4\frac{1}{2} \text{ ft}$**

7) The area of a kite is  $34\frac{6}{7}$  of the other diagonal.

**$\frac{61}{5} \text{ or } 12\frac{1}{5} \text{ feet}$**

8) The height of a parallelogram is  $\frac{16}{7}$  yards. Determine the base, if the area of the parallelogram is 8 square yards.

**$\frac{7}{2} \text{ or } 3\frac{1}{2} \text{ yards}$**

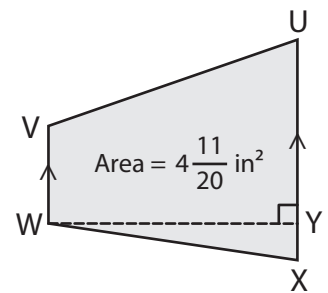
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$UX = 2\frac{1}{5} \text{ in}$ ,  $WY = 3\frac{1}{2} \text{ in}$ . Find VW.

**$VW = \frac{2}{5} \text{ in}$**

ures  $5\frac{5}{7}$  feet, find the length