

Name : _____

Area of a Rhombus

T2S5

A) Find the area of each rhombus for the given measurements.

1) diagonal 1 = $\frac{4}{5}$ ft, diagonal 2 = $2\frac{1}{4}$ ft

Area = _____

2) diagonal 1 = $\frac{7}{8}$ yd, diagonal 2 = $\frac{6}{7}$ yd

Area = _____

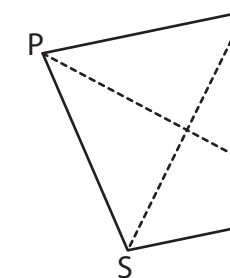
3) diagonal 1 = $\frac{17}{6}$ in, diagonal 2 = 12 in

Area = _____

4) diagonal 1 = $1\frac{3}{5}$ ft, diagonal 2 = $\frac{13}{2}$ ft

B) Find the area of each rhombus.

5)



$QS = \frac{3}{4}$ in ; $PR =$ _____

Area = _____

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$= 7$ yd

7) What will be the area of the rhombus?

8) The diagonals of a rhombus are $6\frac{2}{3}$ inches and $3\frac{3}{5}$ inches respectively. Determine the area of the rhombus.

Area of a Rhombus

A) Find the area of each rhombus for the given measurements.

1) diagonal 1 = $\frac{4}{5}$ ft, diagonal 2 = $2\frac{1}{4}$ ft

Area = $\frac{9}{10}$ ft²

2) diagonal 1 = $\frac{7}{8}$ yd, diagonal 2 = $\frac{6}{7}$ yd

Area = $\frac{3}{8}$ yd²

3) diagonal 1 = $\frac{17}{6}$ in, diagonal 2 = 12 in

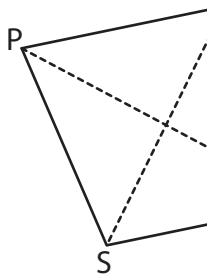
Area = 17

4) diagonal 1 = $1\frac{3}{5}$ ft, diagonal 2 = $\frac{13}{2}$ ft

26 $\frac{1}{5}$ ft²

B) Find the area of each rhombus.

5)



QS = $\frac{3}{4}$ in ; PR =

Area = $\frac{2}{3}$



= 7 yd

$1\frac{2}{3}$ yd²

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7) What will be the area of the rhombus?

$\frac{6}{5}$ or $1\frac{1}{5}$ square feet

8) The diagonals of a rhombus are $6\frac{2}{3}$ inches and $3\frac{3}{5}$ inches respectively. Determine the area of the rhombus.

12 square inches