

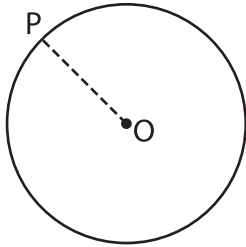
Name : _____

Area – Mixed Shapes

L3S2

Find the area of each shape. (Use $\pi = \frac{22}{7}$)

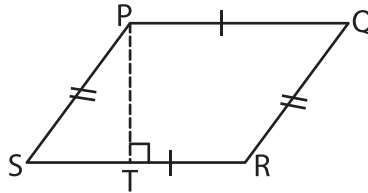
1)



$$OP = \frac{7}{12} \text{ yd}$$

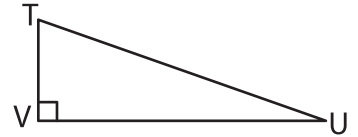
Area =

2)



$$PT = 1 \text{ ft} \cdot SR = 9 \text{ ft}$$

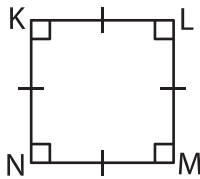
3)



$$VU = 14 \text{ in} ; TV = \frac{27}{7} \text{ in}$$

Area =

4)



$$NM = 2\frac{2}{3} \text{ ft}$$

Area =

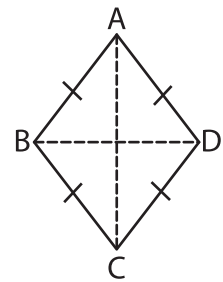
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$$BD = \frac{13}{9} \text{ yd} ; AC = \frac{9}{4} \text{ yd}$$

Area =

7) The parallel bases of a trapezoid are 10 feet and 6 feet. The perpendicular distance between the bases is 8 feet, determine the area of the trapezoid.

perpendicular distance between

8) The lengths of the diagonals of a kite are $\frac{11}{17}$ inch and 34 inches. What is the area of the kite?