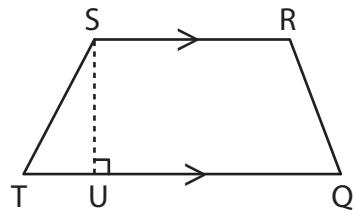


# Area of Mixed Shapes

**Answer Key**

Find the area of each shape. (use  $\pi = 3.14$ )

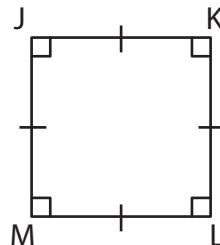
1)



$$\begin{aligned} SR &= 7 \text{ in}, \quad TQ = 13 \text{ in}, \\ SU &= 4 \text{ in} \end{aligned}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{40 \text{ in}^2}$$

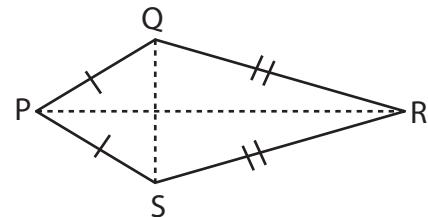
2)



$$JK = 19 \text{ yd}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{361 \text{ yd}^2}$$

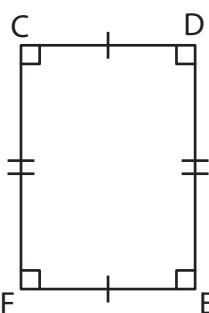
3)



$$PR = 17 \text{ ft}, \quad QS = 8 \text{ ft}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{68 \text{ ft}^2}$$

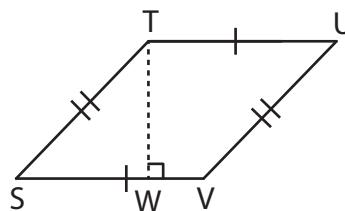
4)



$$CD = 5 \text{ ft}, \quad DE = 12 \text{ ft}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{60 \text{ ft}^2}$$

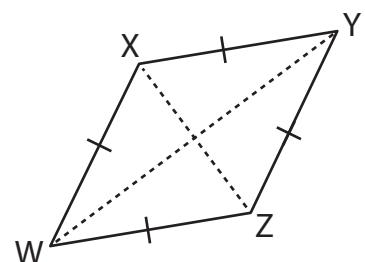
5)



$$SV = 9 \text{ in}, \quad TW = 6 \text{ in}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{54 \text{ in}^2}$$

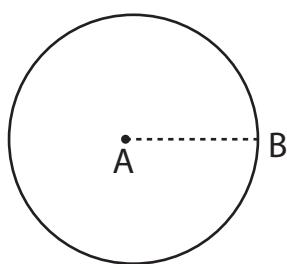
6)



$$XZ = 3 \text{ yd}, \quad WY = 10 \text{ yd}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{15 \text{ yd}^2}$$

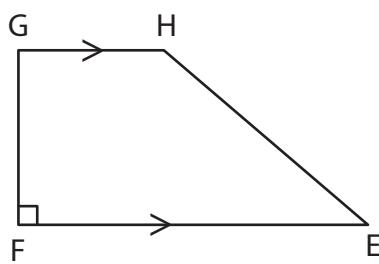
7)



$$AB = 15 \text{ yd}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{706.5 \text{ yd}^2}$$

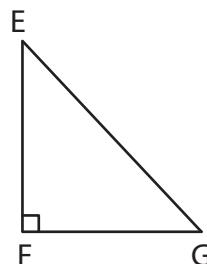
8)



$$\begin{aligned} GH &= 7 \text{ ft}, \quad FE = 18 \text{ ft}, \\ GF &= 10 \text{ ft} \end{aligned}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{125 \text{ ft}^2}$$

9)



$$EF = 14 \text{ in}, \quad FG = 11 \text{ in}$$

$$\text{Area} = \underline{\hspace{2cm}} \text{ } \textcolor{red}{77 \text{ in}^2}$$