

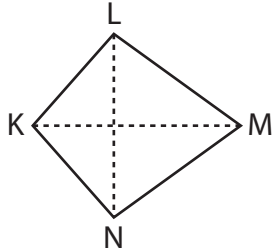
Name : \_\_\_\_\_

## Area of a Kite

T154

Find the area of each kite.

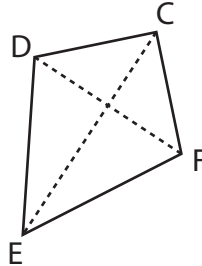
1)



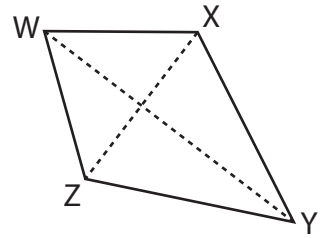
$KM = 80.5$  in,  $LN = 78$

Area = \_\_\_\_\_

2)



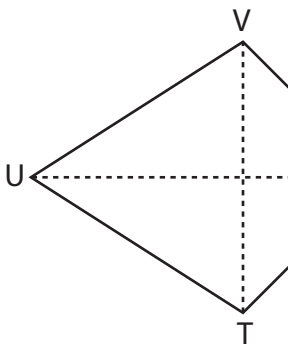
3)



$Z = 15.6$  yd,  $WY = 48.2$  yd

Area = \_\_\_\_\_

4)



$SU = 35.9$  yd,  $TV = 30$

Area = \_\_\_\_\_

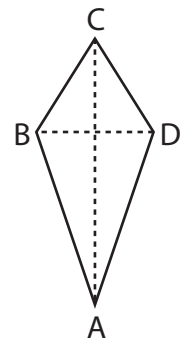
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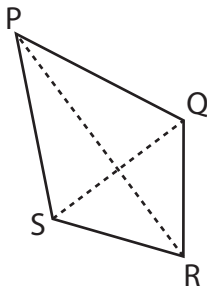
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$D = 45.3$  ft,  $AC = 56.4$  ft

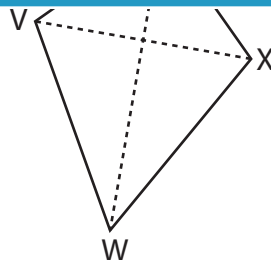
Area = \_\_\_\_\_

7)



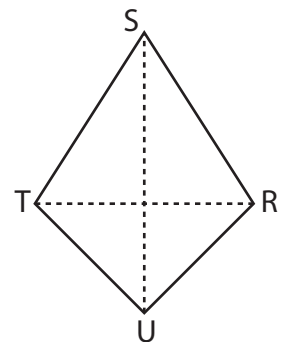
$QS = 19.9$  ft,  $PR = 22.2$  ft

Area = \_\_\_\_\_



$UW = 77.2$  in,  $VX = 53.9$  in

Area = \_\_\_\_\_



$SU = 8.8$  yd,  $RT = 7.5$  yd

Area = \_\_\_\_\_

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

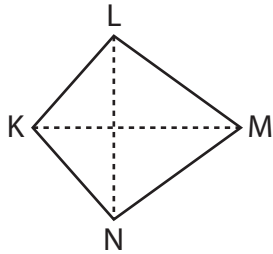
## Answer key

### Area of a Kite

T154

Find the area of each kite.

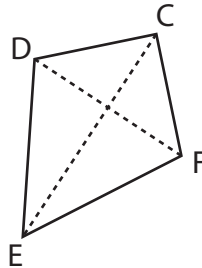
1)



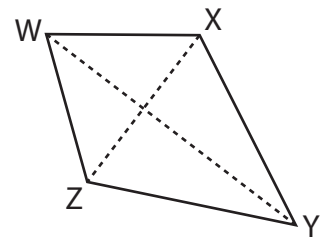
$$KM = 80.5 \text{ in}, LN = 78.2 \text{ in}$$

$$\text{Area} = \underline{3,171.7 \text{ in}^2}$$

2)



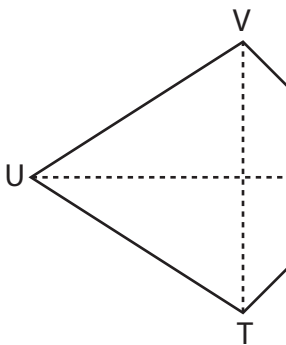
3)



$$Z = 15.6 \text{ yd}, WY = 48.2 \text{ yd}$$

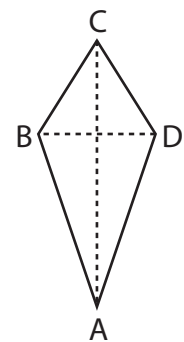
$$\text{Area} = \underline{375.96 \text{ yd}^2}$$

4)



$$SU = 35.9 \text{ yd}, TV = 30.2 \text{ yd}$$

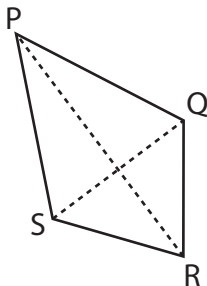
$$\text{Area} = \underline{552.86 \text{ yd}^2}$$



$$D = 45.3 \text{ ft}, AC = 56.4 \text{ ft}$$

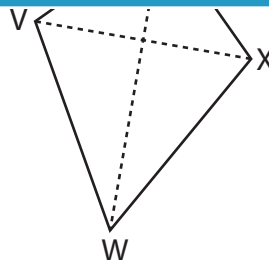
$$\text{Area} = \underline{1,277.46 \text{ ft}^2}$$

7)



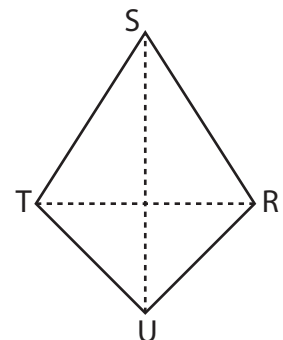
$$QS = 19.9 \text{ ft}, PR = 22.2 \text{ ft}$$

$$\text{Area} = \underline{220.89 \text{ ft}^2}$$



$$UW = 77.2 \text{ in}, VX = 53.9 \text{ in}$$

$$\text{Area} = \underline{2,080.54 \text{ in}^2}$$



$$SU = 8.8 \text{ yd}, RT = 7.5 \text{ yd}$$

$$\text{Area} = \underline{33 \text{ yd}^2}$$

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