

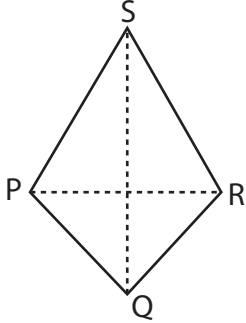
Name : \_\_\_\_\_

## Area of a Kite

T1S3

Find the area of each kite.

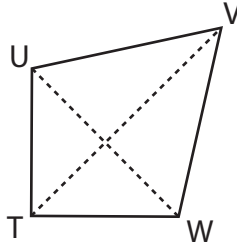
1)



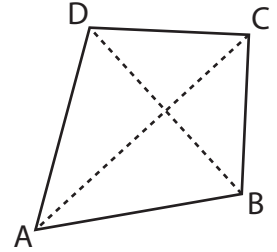
$PR = 3.25$  ft,  $QS = 41$

Area = \_\_\_\_\_ in<sup>2</sup>

2)



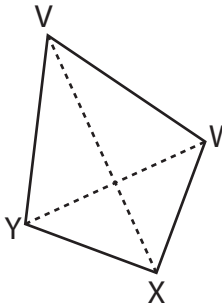
3)



$AC = 1,656$  in,  $BD = 27$  yd

Area = \_\_\_\_\_ yd<sup>2</sup>

4)



$WY = 24$  ft,  $VX = 22$  yd

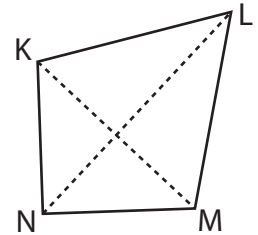
Area = \_\_\_\_\_ yd<sup>2</sup>

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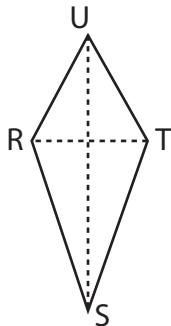
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$KL = 0.5$  yd,  $LN = 34$  in

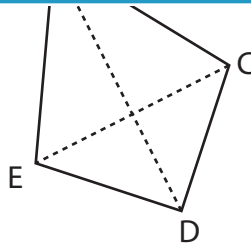
Area = \_\_\_\_\_ in<sup>2</sup>

7)



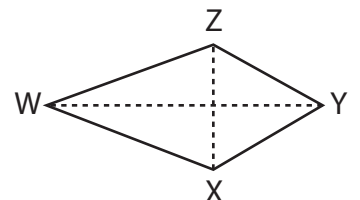
$RT = 32$  yd,  $SU = 1,440$  in

Area = \_\_\_\_\_ yd<sup>2</sup>



$BD = 6$  yd,  $CE = 5.7$  ft

Area = \_\_\_\_\_ yd<sup>2</sup>



$XZ = 10$  ft,  $WY = 300$  in

Area = \_\_\_\_\_ ft<sup>2</sup>

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

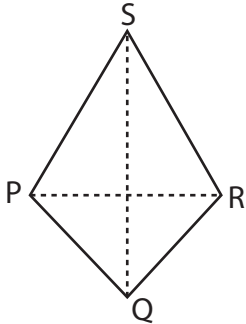
## Answer key

### Area of a Kite

T1S3

Find the area of each kite.

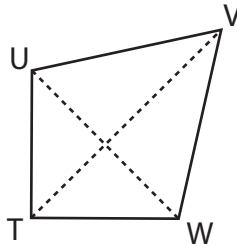
1)



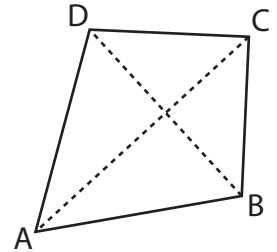
$PR = 3.25$  ft,  $QS = 41$

Area = 799.5 in

2)



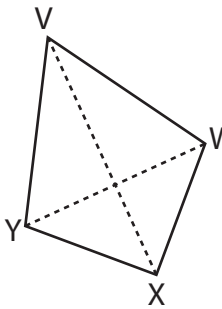
3)



$AC = 1,656$  in,  $BD = 27$  yd

Area = 621 yd<sup>2</sup>

4)



$WY = 24$  ft,  $VX = 22$  y

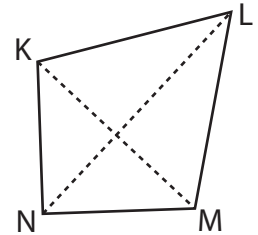
Area = 88 y

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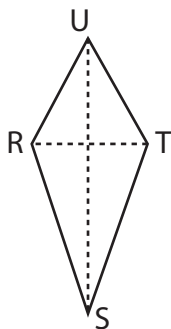
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$KL = 0.5$  yd,  $LN = 34$  in

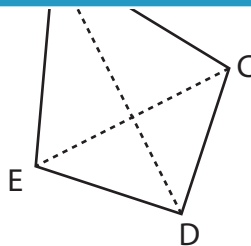
Area = 306 in<sup>2</sup>

7)



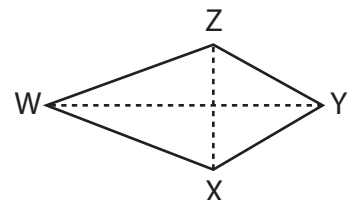
$RT = 32$  yd,  $SU = 1,440$  in

Area = 640 yd<sup>2</sup>



$BD = 6$  yd,  $CE = 5.7$  ft

Area = 5.7 yd<sup>2</sup>



$XZ = 10$  ft,  $WY = 300$  in

Area = 125 ft<sup>2</sup>