

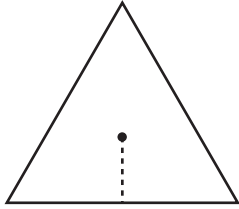
Name : \_\_\_\_\_

L2S1

## Finding Apothem

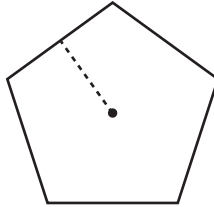
Find the apothem of each polygon using the given information. Round your answer to two decimal places.

1)

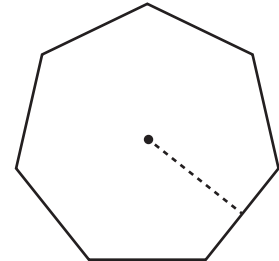


Area = 35.25 in<sup>2</sup>  
Apothem = \_\_\_\_\_

2)

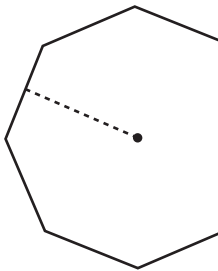


3)



Radius = 11.5 ft  
Apothem = \_\_\_\_\_

4)



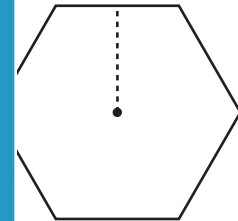
Perimeter = 34.5 ft  
Apothem = \_\_\_\_\_

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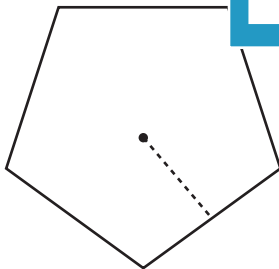
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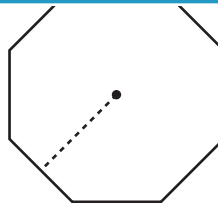


Area = 128.8 yd<sup>2</sup>  
Apothem = \_\_\_\_\_

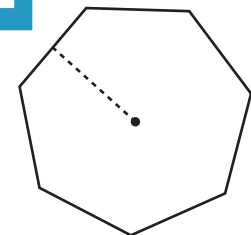
7)



Radius = 15.5 yd  
Apothem = \_\_\_\_\_



Area = 58 ft<sup>2</sup>  
Apothem = \_\_\_\_\_



Perimeter = 47.4 in  
Apothem = \_\_\_\_\_

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

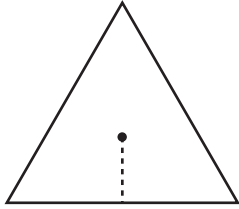
## Answer key

L2S1

### Finding Apothem

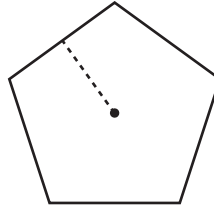
Find the apothem of each polygon using the given information. Round your answer to two decimal places.

1)

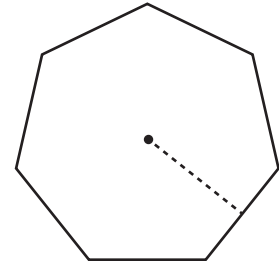


Area = 35.25 in<sup>2</sup>  
Apothem = 2.6

2)

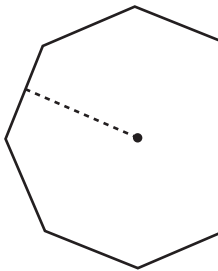


3)



Radius = 11.5 ft  
Apothem = 10.36 ft

4)



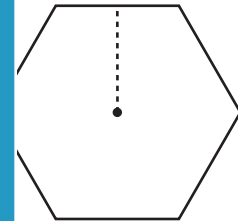
Perimeter = 34.5 ft  
Apothem = 5.21

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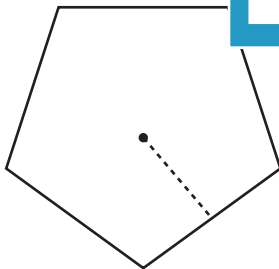
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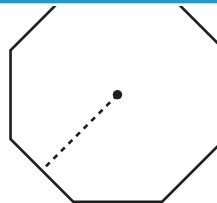


Area = 128.8 yd<sup>2</sup>  
Apothem = 6.1 yd

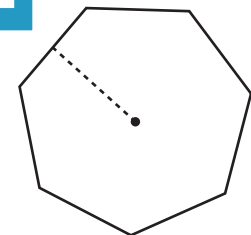
7)



Radius = 15.5 yd  
Apothem = 12.54 yd



Area = 58 ft<sup>2</sup>  
Apothem = 4.18 ft



Perimeter = 47.4 in  
Apothem = 7.03 in