

Chapter 11 Test Review 2

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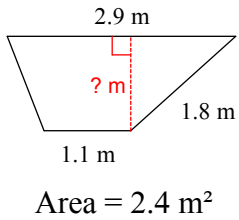
**Find the indicated measure. Round your answer to the nearest tenth.**

1) Find the area if the diameter = 24 mi

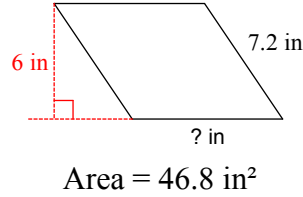
2) Find the radius if the area = 265.9 yd<sup>2</sup>

**Find the missing measurement. Round your answer to the nearest tenth.**

3)

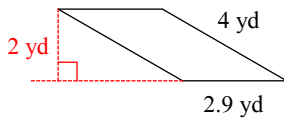


4)

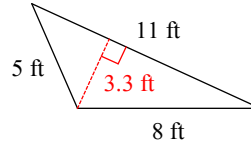


**Find the area of each.**

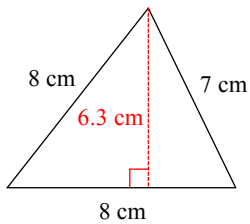
5)



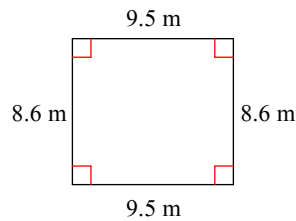
6)



7)

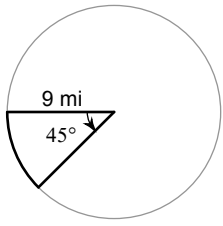


8)

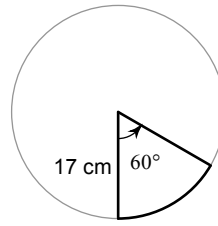


Find the area of each sector. Round your answers to the nearest tenth.

9)

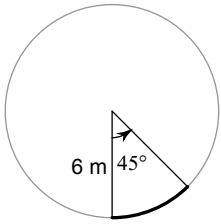


10)

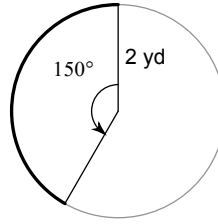


Find the length of each arc. Round your answers to the nearest tenth.

11)

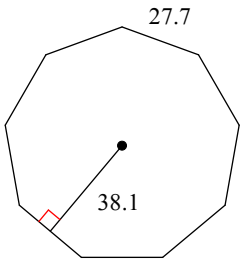


12)

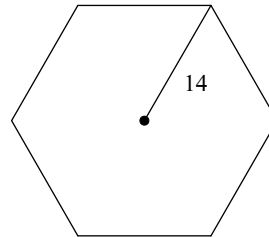


Find the area of each regular polygon. Round your answer to the nearest tenth if necessary.

13)

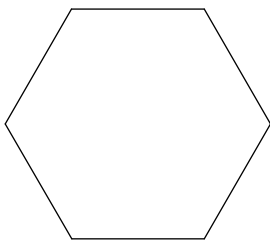


14)



Find the area of each figure. Round your answer to the nearest tenth.

15)



Perimeter = 42 yd

## Answers to Chapter 11 Test Review 2

1)  $452.4 \text{ mi}^2$

5)  $5.8 \text{ yd}^2$

9)  $31.8 \text{ mi}^2$

13)  $4749.2$

2)  $9.2 \text{ yd}$

6)  $18.15 \text{ ft}^2$

10)  $151.3 \text{ cm}^2$

14)  $509.2$

3)  $1.2 \text{ m}$

7)  $25.2 \text{ cm}^2$

11)  $4.7 \text{ m}$

15)  $127.3 \text{ yd}^2$

4)  $7.8 \text{ in}$

8)  $81.7 \text{ m}^2$

12)  $5.2 \text{ yd}$