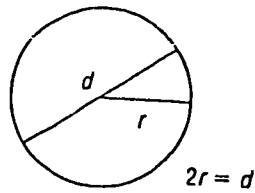


Name \_\_\_\_\_

## 4.9 Area of a Circle

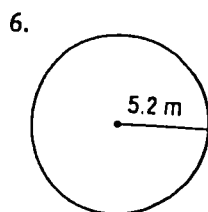
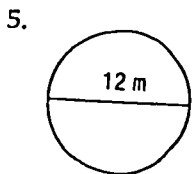
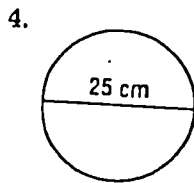
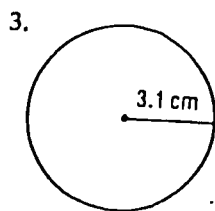
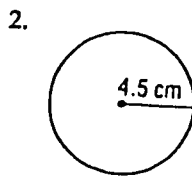
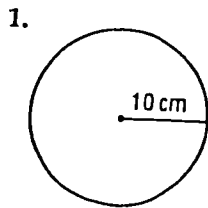
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$$A = \pi r^2$$

Use  $\pi = 3.14$ .

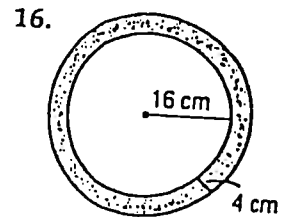
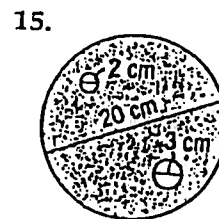
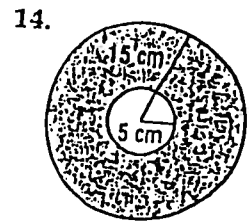
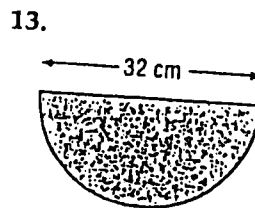
Calculate the area of each circle, to the nearest tenth.



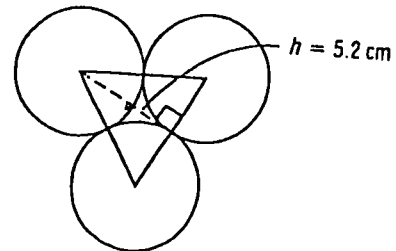
Find the area of each circle, to the nearest tenth.

7.  $r = 6.3$  cm \_\_\_\_\_  
 8.  $d = 24.2$  cm \_\_\_\_\_  
 9.  $d = 57$  m \_\_\_\_\_  
 10.  $r = 10.5$  m \_\_\_\_\_  
 11.  $d = 15.2$  cm \_\_\_\_\_  
 12.  $r = 13.4$  cm \_\_\_\_\_

Calculate the area of the shaded region.



17. The area of each circle is  $113.04$  cm<sup>2</sup>. Find the area of the triangle.



18. The area of each circle is  $153.86$  cm<sup>2</sup>. Find the area of the square.

