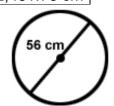
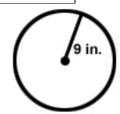
## Area - Area of a Circle

Find the area of each circle below.

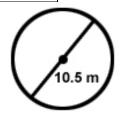
1.  $2,461.76 \text{ cm}^2$ 



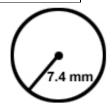
**3.** 254.34 in. <sup>2</sup>



**5.**  $86.55 \text{ m}^2$ 



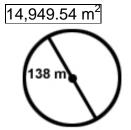
**7.** 171.95 mm<sup>2</sup>



9.  $9,847.04 \text{ yd}^2$ 



2.



**4.** 3,846.50 mm<sup>2</sup>



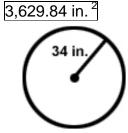
**6.** 



8.



10.



Find the area of each figure below.

**11.** A circle with radius of 300 cm. Use  $\pi = 3.14$ .

282,600 cm<sup>2</sup>

12. A circle with a diameter of 3.8 in. Leave  $\pi$  in the answer.

 $3.61\pi \text{ in.}^2$ 

- **13.** A circle with a diameter of  $4\frac{4}{5}$  ft. Leave  $\pi$  in the answer.  $5.76\pi$  ft<sup>2</sup> or  $144\pi$   $144\pi$  ft<sup>2</sup>
- **14.** A circle with a radius of 140 dm. Use  $\pi = \frac{22}{7}$ . 61,600 dm<sup>2</sup>
- **15.** A circle with a radius of 17.3 yd. Leave  $\pi$  in the answer.  $299.29\pi \text{ yd}^2$
- **16.** A circle with a diameter of 1000 in. Leave  $\pi$  in the answer.  $250,000\pi$  in.  $^2$
- **17.** A circle with a radius of r. Leave  $\pi$  in the answer.  $\pi$
- **18.** A circle with a radius of 3r. Leave  $\pi$  in the answer.  $9\pi r^2$