

## 8.3 Areas of Circles

**area** - the number of square units inside of a shape



### Key Idea

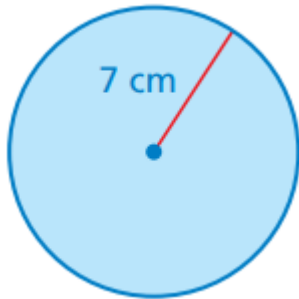
#### Area of a Circle

**Words** The area  $A$  of a circle is the product of  $\pi$  and the square of the radius.

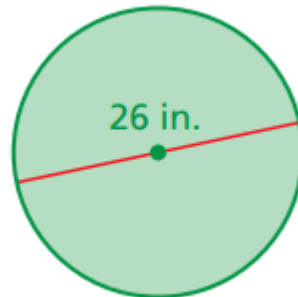
**Algebra**  $A = \pi r^2$

Find each area. Round to the nearest hundredth.

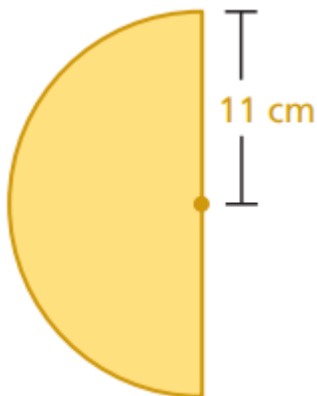
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