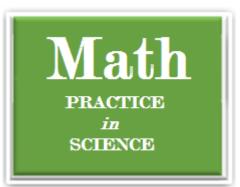
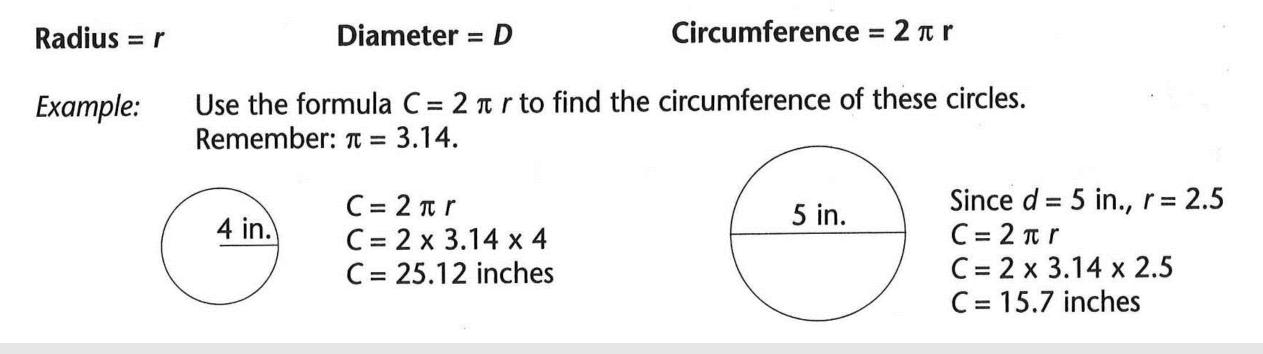
087 Math Practice Circumference of a Circle

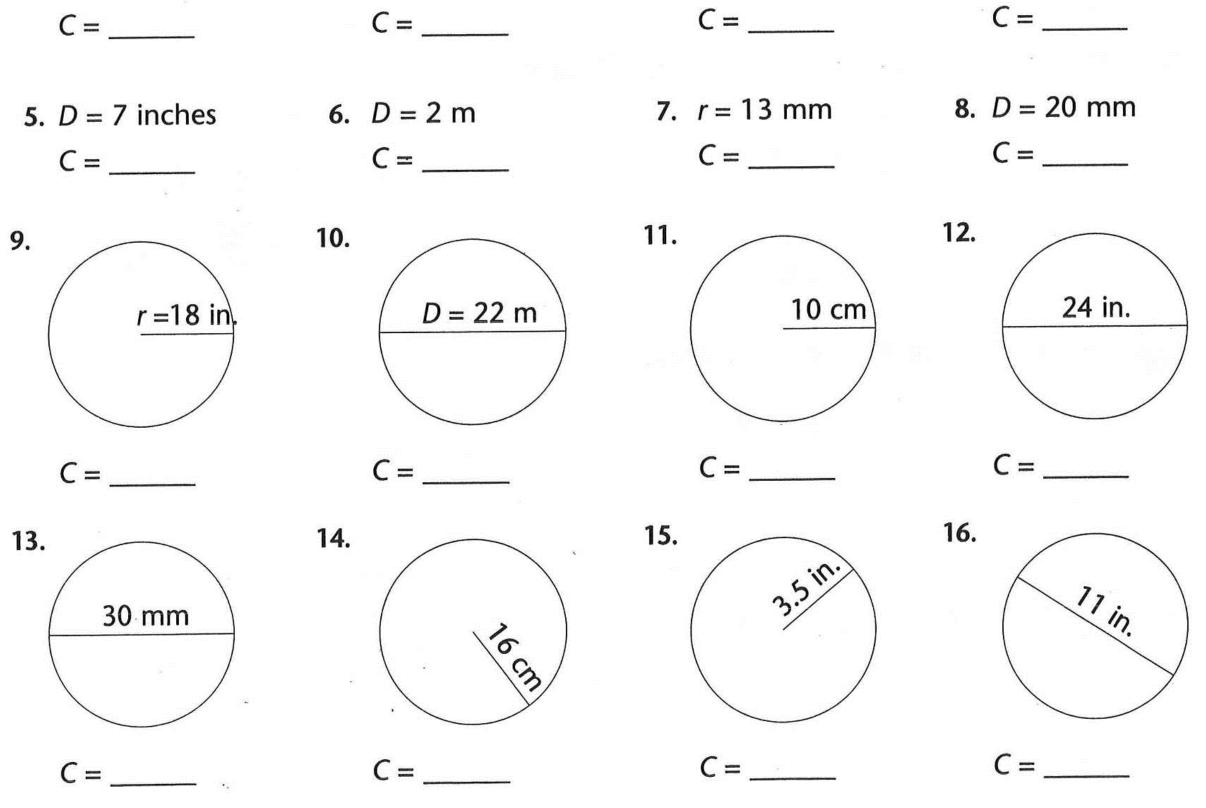


The distance around a circle is called the *circumference*. When you find the circumference of a circle, you are finding out how far it is around the circle. The *diameter* of a circle is the distance across the circle at its widest point. One-half the diamater is called the *radius*. If you divide the circumference by the diameter, you will always get a number that is a little greater than 3. This ratio is known by the Greek letter π , which is pronounced like *pie*. The value of π is approximately 3.14.



Use the formula C = 2π r to find the circumference of these circles. Remember: π = 3.14.

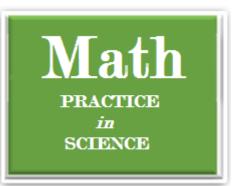
1. r = 5 inches 2. r = 8 cm 3. D = 6 cm 4. D = 9 mm



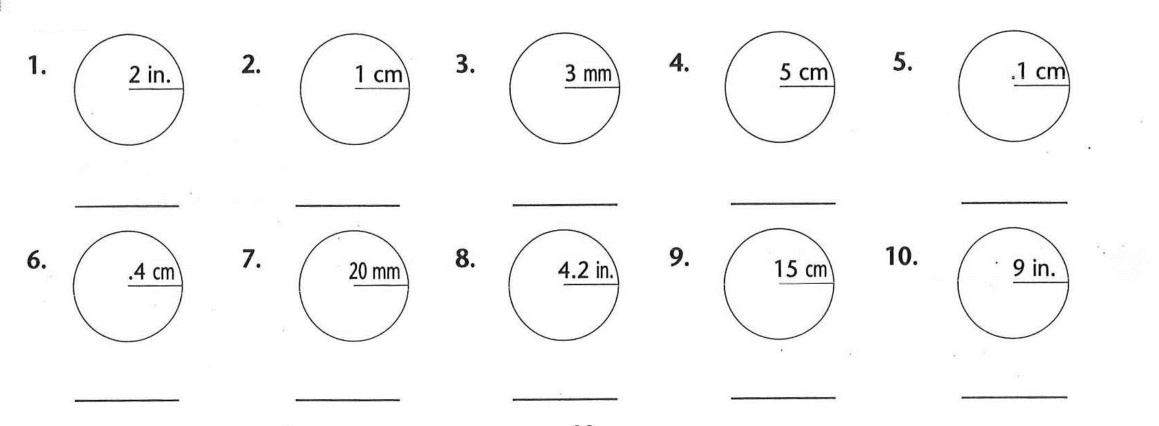
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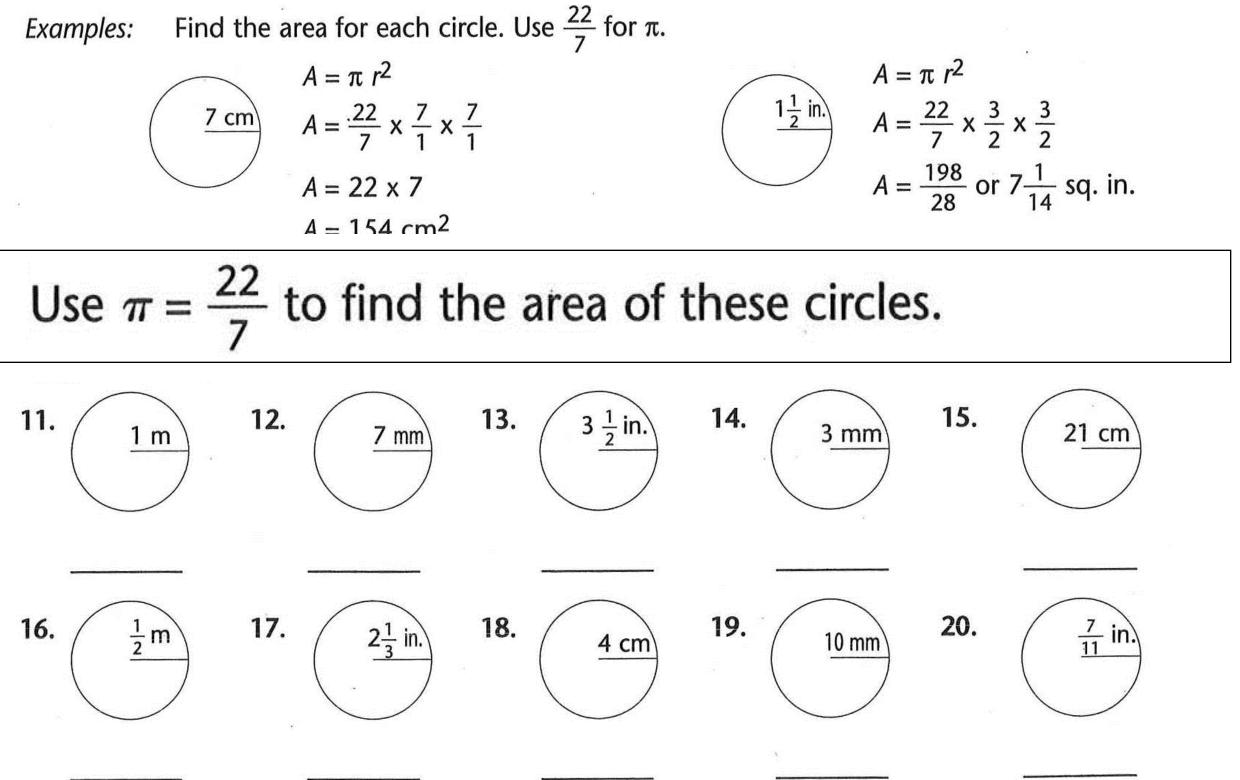
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088 Math Practice Area of a Circle



The area of a circle is the measure of how much surface is inside the circle. Area is given in square units. Find the area of a circle by multiplying π times the radius times the radius, or area = πr^2 . π can be expressed as either 3.14 or as $\frac{22}{7}$. Find the area for each circle. Use 3.14 for π . Examples: $A = \pi r^2$ Area = πr^2 $A = 3.14 \times 2.4 \times 2.4$ $Area = 3.14 \times 6 \times 6$ 2.4 in 6 in. *A* = 18.0864 sq. in. Area = 113.04 sq. in. Find the areas of these circles. Use $\pi = 3.14$.





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