**11-3 Practice**

***Areas of Circles and Sectors***

**Find the area of each circle. Round to the nearest tenth.**

** 1. 2. 3.**

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

 **4.** The area of a circle is 3.14 square centimeters. Find the diameter.

 **5.** Find the diameter of a circle with an area of 855.3 square millimeters.

 **6.** The area of a circle is 201.1 square inches. Find the radius.

 **7.** Find the radius of a circle with an area of 2290.2 square feet.

**Find the area of each shaded sector. Round to the nearest tenth.**

** 8. 9. 10.**

**11. CLOCK** Sadie wants to draw a clock face on a circular piece of cardboard. If the clock face has a diameter of 20 centimeters and is divided into congruent pieces so that each sector is 30°, what is the area of each piece?

**Find the area of each circle.**

** 12. 13. 14.**

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

 **15.** The area of a circle is 132.7 square centimeters. Find the diameter.

 **16.** Find the diameter of a circle with an area of 1134.1 square millimeters.

 **17.** The area of a circle is 706.9 square inches. Find the radius.

 **18.** Find the radius of a circle with an area of 2827.4 square feet.

**Find the area of each shaded sector. Round to the nearest tenth.**

**19. 20. 21.**

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**22. GAMES** Jason wants to make a spinner for a new board game he invented. The spinner is a circle divided into 8 congruent pieces, what is the area of each piece to the nearest tenth?