

Name: _____ Teacher: _____ School: _____

Grade 7: Lesson 17 Finding the area of a circle

Solve these problems. You may use 3.14 to approximate pi. Be sure to show all your work! You may use a calculator.

1. A hubcap has a radius of 16 centimeters. What is the area of the hubcap? Round your answer to the nearest hundredth.

2. A company makes steel lids that have a diameter of 13 inches. What is the area of each lid? Round your answer to the nearest hundredth.

3. John measures the circumference of a circle to be 3 inches. What is the area of the circle?

Copyright © by Houghton Mifflin Harcourt Publishing Company. All rights reserved. Reproduced by permission of the publisher, Houghton Mifflin Harcourt Publishing Company.

Content is made accessible by a Special School Closing Emergency License that is limited to the 2020 academic year and shall conclude on June 30 2020. Use does not imply affiliation with or endorsement by the third party.