Lesson 12.2 Practice: Surface Area of Prisms and Cylinders

School Launch · Geometry · Unit 12: Surface Area and Volume · Worksheet A

Calculator allowed

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Find the surface area of a rectangular prism 11 by 5 by 15 cm. EASY

2. Find the surface area of a rectangular prism 9 by 7 by 12 cm. EASY

3. Find the surface area of a rectangular prism 2 by 2 by 9 cm. EASY

4. Find the surface area of a rectangular prism 2 by 13 by 10 cm. MEDIUM

5. Find the surface area of a rectangular prism 11 by 3 by 15 cm. MEDIUM

6. Find the surface area of a cylinder with radius 6 and height 19 (exact). MEDIUM

7. Find the surface area of a rectangular prism 3 by 9 by 15 cm. MEDIUM

8. Find the surface area of a rectangular prism 5 by 11 by 14 cm. HARD

9. Find the surface area of a rectangular prism 4 by 15 by 3 cm. HARD

10. Find the surface area of a cylinder with radius 5 and height 3 (exact). HARD