

**Skills**

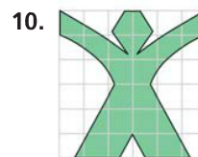
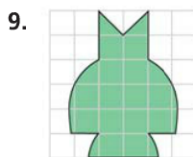
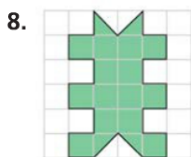
- **Lesson 9-1** Choose an appropriate metric unit of measure.

1. capacity of a shampoo bottle    2. mass of a television    3. length of your shoe

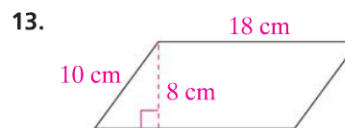
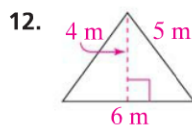
- **Lesson 9-2** Complete each statement.

4. 35 mm = ■ cm    5. 10.8 km = ■ m    6. ■ L = 2,400 mL    7. 1,008 g = ■ kg

- **Lesson 9-3** Estimate the area of each figure. Each square represents 1 square centimeter.



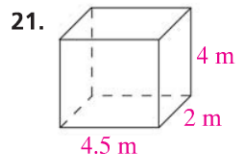
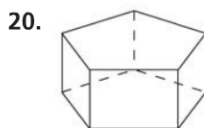
- **Lessons 9-3 and 9-4** Find the area of each figure.



- **Lessons 9-5 and 9-6** Find the circumference and the area of a circle with the given diameter  $d$  or radius  $r$ . Use 3.14 for  $\pi$  and round to the nearest whole number.

14.  $d = 26$  yards    15.  $d = 10.6$  feet    16.  $r = 30$  inches    17.  $r = 11$  miles    18.  $d = 8.5$  meters

- **Lesson 9-7** Name each figure.



- **Lessons 9-8 and 9-9** Find the surface area and the volume of each rectangular prism with the given dimensions.

22.  $\ell = 10$  ft,  $w = 5$  ft,  $h = 8$  ft    23.  $\ell = 12$  m,  $w = 16$  m,  $h = 12$  m