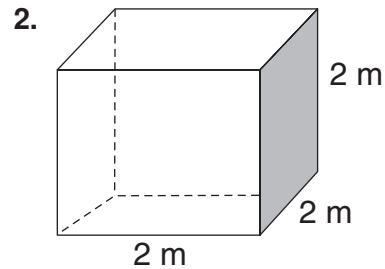
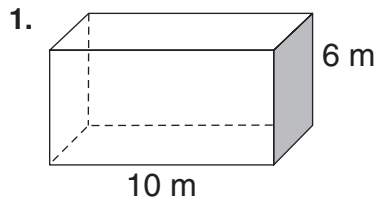
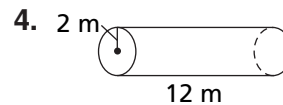
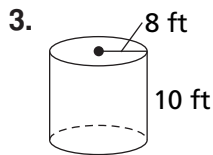


CHAPTER 10 **At-Home Practice**
Surface Area

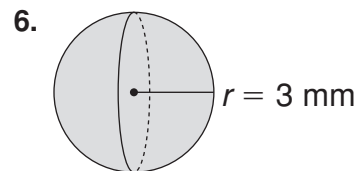
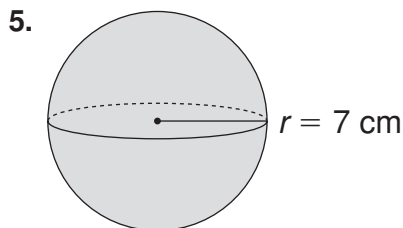
Find the surface area of each prism to the nearest tenth.



Find the surface area of each cylinder to the nearest tenth.
Use 3.14 for π .



Find the volume and surface area of each sphere to the nearest tenth. Use 3.14 for π .



Given the scale factor, find the surface area of the larger prism.

7. The scale factor of two similar triangular prisms is 4. The surface area of the smaller prism is 18 ft^2 . _____
8. The scale factor of two similar triangular prisms is 6. The surface area of the smaller prism is 24 ft^2 . _____

Answers: 1. 312 m^2 2. 24 m^2 3. 904.3 ft^2 4. 175.8 m^2 5. 1436.0 cm^3 , 615.4 cm^2
6. 113.0 mm^3 , 113.0 mm^2 7. 288 ft^2 8. 864 ft^2

CHAPTER
10 **Family Fun**
Shape It up!

Directions

- Below are nets of different objects.
- Cut out the shapes using scissors.
- Piece them together and see what 3-dimensional shapes you can make.

