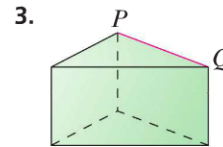
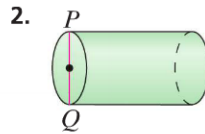
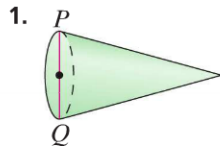
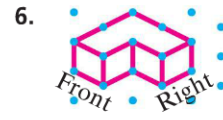
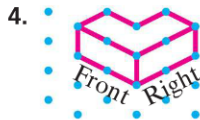


Skills

● **Lesson 8-1** For each figure, describe the base(s), name the figure, and name the part labeled PQ .

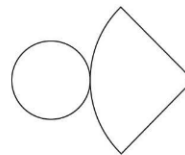


● **Lesson 8-2** Draw the top, front, and right views of each figure.



● **Lesson 8-3**

7. Identify the solid that the net at the right forms.



● **Lessons 8-4 and 8-6** Find (a) the surface area and (b) the volume of each figure. Round to the nearest whole unit.

8. cube with edge length 1.2 m

9. rectangular prism $10\text{ cm} \times 15\text{ cm} \times 18\text{ cm}$

10. cylinder with radius 1 ft and height 8 ft

11. cylinder with diameter 6 in. and height 4 in.

● **Lessons 8-5 and 8-7** Find (a) the surface area and (b) the volume of each figure with the given characteristics. Round to the nearest whole unit.

12. a square pyramid with a height of 4 in., a slant height of 5 in., and a base area of 36 in.^2

13. a cone with a diameter of 12 cm, a height of 8 cm, and a slant height of 10 cm

● **Lesson 8-8**

14. Find the surface area and volume of a sphere with diameter 18.2 cm. Round to the nearest whole unit.

● **Lesson 8-9**

15. Find the volume of the smaller similar solid at the right.

