

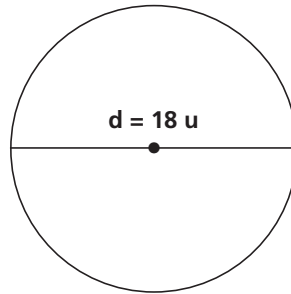
# Lesson 177

## Geometry

### Lessons 130-145 Review

Find the circumference of each circle with the given radius or diameter. Round to the nearest tenth.

1. \_\_\_\_\_



2. \_\_\_\_\_

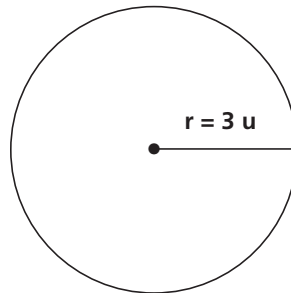


3.  $d = 22 \text{ m}$  \_\_\_\_\_

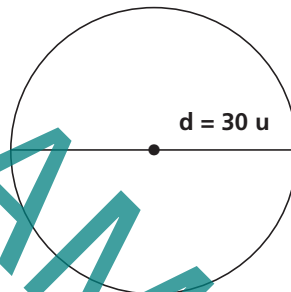
4.  $r = 5 \text{ in}$  \_\_\_\_\_

Find the area of each circle with the given radius or diameter. Round to the nearest tenth.

5. \_\_\_\_\_



6. \_\_\_\_\_



7.  $r = 12$  in \_\_\_\_\_

8.  $d = 52$  cm \_\_\_\_\_

9. The circumference of a circular parachute is 85 feet. How much fabric was used to make the parachute?

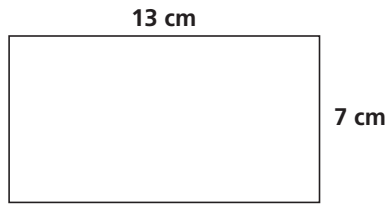
\_\_\_\_\_

10. The diameter of a round pool is 12 feet. Rich needs to know the area of the pool in order to buy the cover. What is the area of the pool?

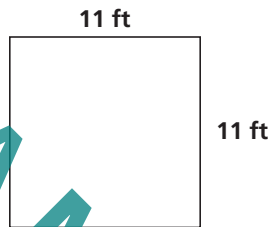
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Find the area and perimeter of each figure.

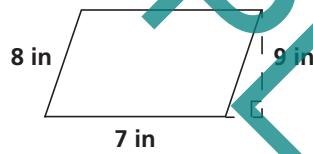
11. \_\_\_\_\_



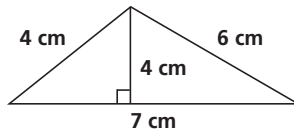
12. \_\_\_\_\_



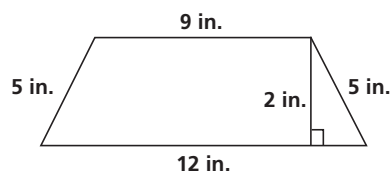
13. \_\_\_\_\_



14. \_\_\_\_\_

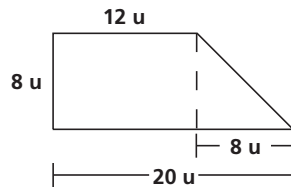


15. \_\_\_\_\_

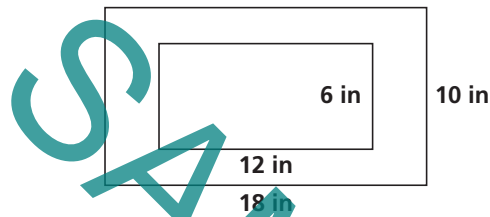


Find the area of the rooms shown below.

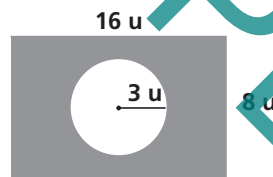
16. \_\_\_\_\_



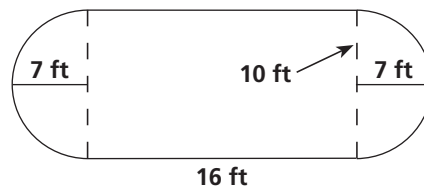
17. Find the area of the frame below. \_\_\_\_\_



18. Find the area of the shaded region. \_\_\_\_\_

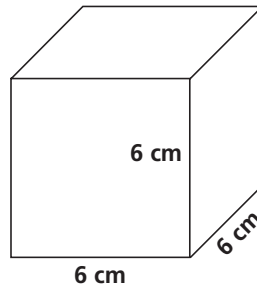


19. Find the area of the room below. \_\_\_\_\_

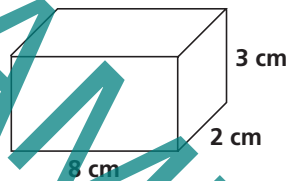


Find the surface area for each polyhedron below.

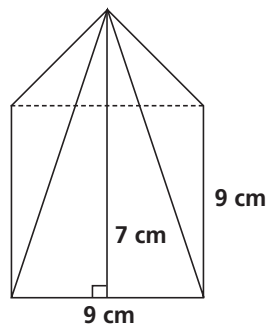
20. Find the surface area of the cube. \_\_\_\_\_



21. Find the surface area of the rectangular prism. \_\_\_\_\_

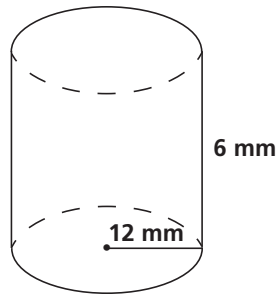


22. Find the surface area of the pyramid. \_\_\_\_\_



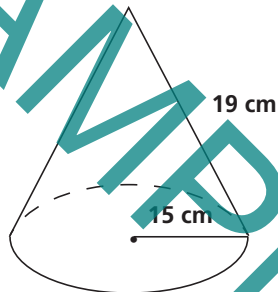
23. Find the surface area of the cylinder. Round to the nearest tenth.

\_\_\_\_\_



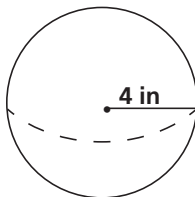
24. Find the surface area of the cone. Round to the nearest tenth.

\_\_\_\_\_



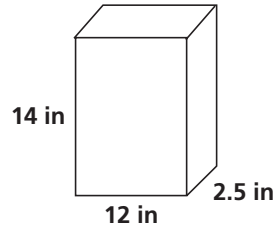
25. Find the surface area of the sphere. Round to the nearest tenth.

\_\_\_\_\_

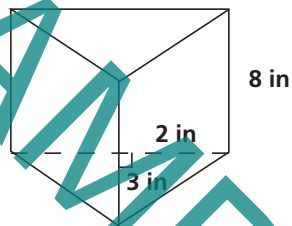


Find the volume of each polyhedron below.

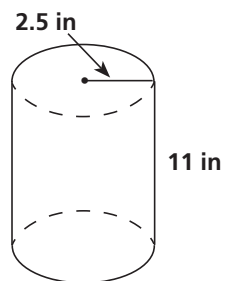
26. Find the volume of the cereal box. \_\_\_\_\_



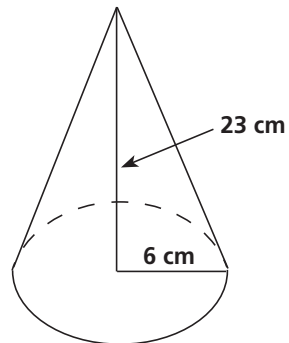
27. Find the volume of the candy box. \_\_\_\_\_



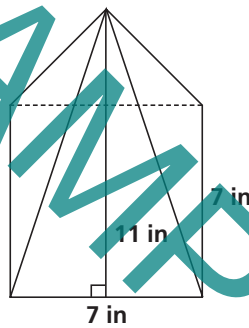
28. Find the volume of the water bottle. \_\_\_\_\_



29. Find the volume of the cone. \_\_\_\_\_



30. Find the volume of the pyramid. \_\_\_\_\_



31. Find the volume of the sphere. \_\_\_\_\_

