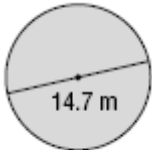


Review Worksheet 6: Practice for Written Sections of Test 6**Math8**

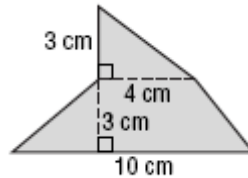
- Find the circumference of a circle that has a diameter of 3 inches. Round to the nearest tenth.
- Find the area of a circle that has a radius of 5 inches. Round to the nearest tenth.

Find the area of each figure. Round to the nearest tenth if necessary.

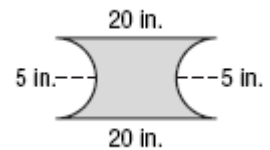
3.



4.



5.

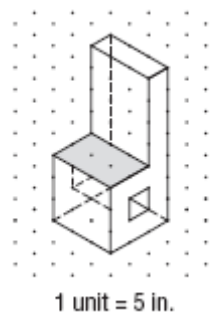


- Find the circumference of a circle with a radius of 1.5 feet. Round to the nearest tenth.
- On a recent survey, 30% of people surveyed said that they preferred vanilla to chocolate ice cream. If 450 people were surveyed, how many said that they preferred vanilla ice cream?

- Identify the solid shown at the right. Name the number and shapes of the faces. Then name the number of edges and vertices.

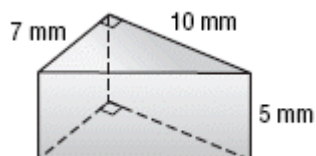


9. Find the area of the shaded region in the drawing at the right.

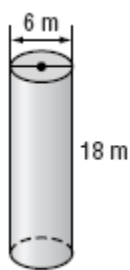


Find the volume of each solid. Round to the nearest tenth if necessary.

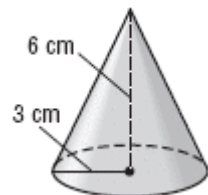
10.



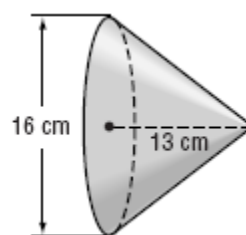
11.



12.

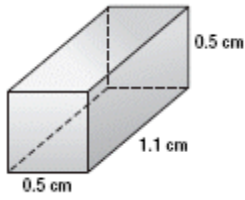


13.

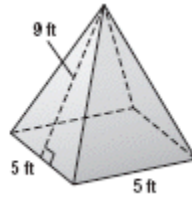


Find the surface area of each solid. Round to the nearest tenth if necessary.

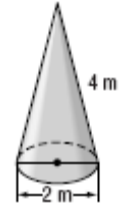
14.



15.



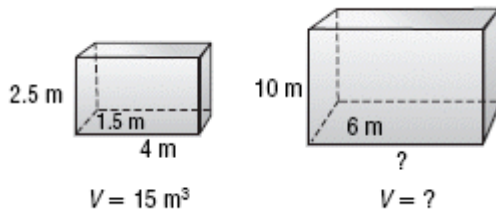
16.



17. Melissa is making a music shaker that is a cylinder with a diameter of 2 inches and a height of 8 inches. Find the surface area of her shaker.

18. Two pyramids are similar. The dimensions of the first pyramid are doubled to create the second pyramid. The surface area of the first pyramid is 100 in^2 . Find the surface area of the second pyramid.

19. Two similar prisms are shown. Find the missing side length.



20. Two similar prisms are shown. Find the missing volume.

