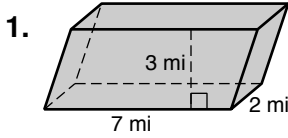
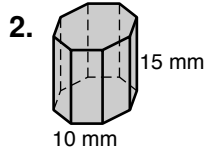


LESSON **Practice B**
10-6 *Volume of Prisms and Cylinders*

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



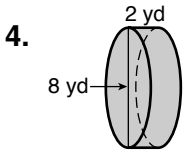
the oblique rectangular prism

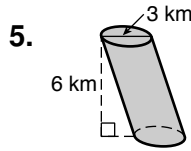


the regular octagonal prism

3. a cube with edge length 0.75 m _____

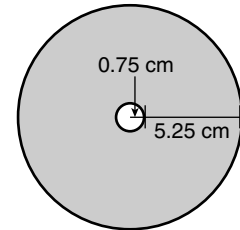
Find the volume of each cylinder. Give your answers both in terms of π and rounded to the nearest tenth.



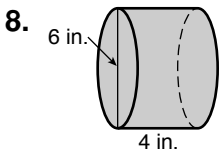


6. a cylinder with base circumference 18π ft and height 10 ft _____

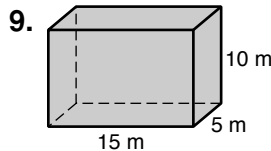
7. CDs have the dimensions shown in the figure. Each CD is 1 mm thick. Find the volume in cubic centimeters of a stack of 25 CDs. Round to the nearest tenth.



Describe the effect of each change on the volume of the given figure.



The dimensions are halved.



The dimensions are divided by 5.

Find the volume of each composite figure. Round to the nearest tenth.

