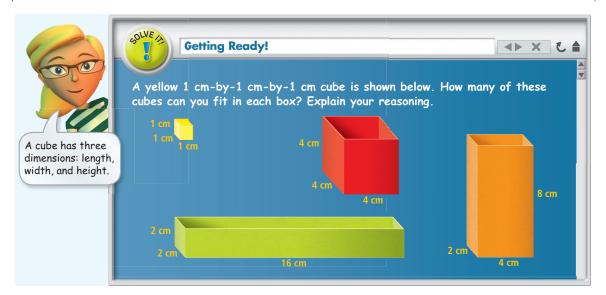
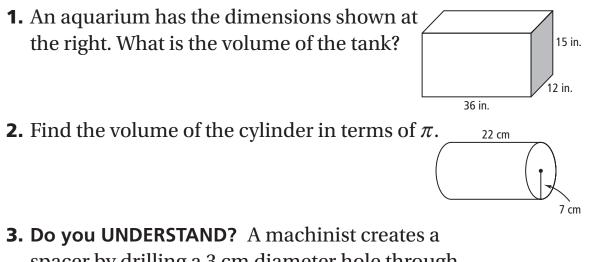
11-4 Solve It!



11-4 Lesson Quiz



spacer by drilling a 3 cm diameter hole through the middle of a cylinder that has a diameter of 5 cm and a height of 0.5 cm. What is the approximate volume of the finished spacer?

Answers

Solve It!

4 by 4 by 4: 64 cubes; you can cover the bottom with 4 by
4 = 16 cubes, and you can fit
4 such layers.
2 by 16 by 2: 64 cubes; you can cover the bottom with 16 by

2 = 32 cubes, and you can fit
2 such layers.
2 by 4 by 8: 64 cubes; you can cover the bottom with 2 by
4 = 8 cubes, and you can fit
8 such layers.

Lesson Quiz

- **1.** 6480 in.³
- **2.** 1078π cm³
- **3.** about 6.3 cm³

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