Partner Review Practice Test Chapter 7

1. Identify the following 3-D object:

a. cylinder b. rectangular prism c. triangular prism d. cube

2. A soup can has a radius of 4.3 cm and a height of 11.6 cm.

What is the volume of the soup can to the nearest tenth of a cubic centimeter?

a. 49.9 cm3  b. 168.4 cm3 c. 673.5 cm3  d. 1816.8 cm3

3. A storage box for skis measures 0.45m high, 0.45 m wide, and 1.7 m long.

What is the volume of the case to the nearest hundredth of a cubic meter?

a. 0.34 m3 b. 0.69 m3 c. 3.44m3 d. 6.88m3

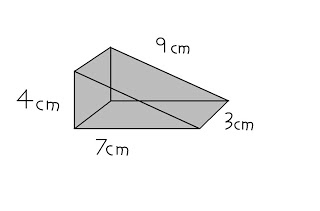
4. A rectangular garage has a volume of 480 m3, a length of 12 m and a width of 8m.

What is the height of the garage?

a. 4 m b. 5 m c. 6 m d. 7m

5. Anita cuts a piece of birthday cake exactly in two equal pieces for her and her brother.

What is the volume of each piece of cake?

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=0Tk8JBjcZ0SThM&tbnid=kzsuOXohODf-FM:&ved=0CAUQjRw&url=http%3A%2F%2Fspmath84109.blogspot.com%2F2010%2F03%2Fgiuseppes-surface-area-growing-post.html&ei=kipJUZHbLMagigLq7IHACg&bvm=bv.44011176,d.cGE&psig=AFQjCNGgnnbOtP28i0wSQG_5u4PhHmhLoA&ust=1363835906753921)

a. 42 cm3 b. 21 cm3 c. 126 cm3 d. 84 cm3

6. A hockey puck has a diameter of 7.6 cm and a height of 3.4 cm. What is the volume of a cylindrical package containing six pucks? Round your answer to the nearest whole number

a. 155 cm3 b. 26 cm3 c. 925 cm3 d. 154 cm3