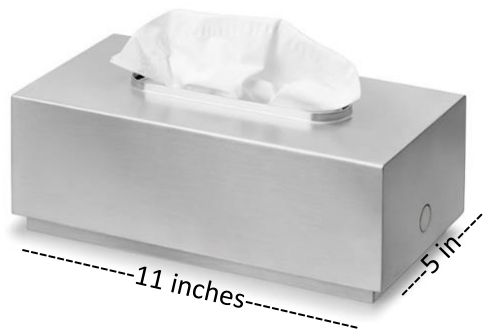Name_____   Date _____

Using Formulas- Missing Side Length

Use the correct formula to find the missing measurement. Use 3.14 for π.

1) The tissue box below can hold 165 cubic inches of tissues. What is the height of the tissue box?

------------11 inches------------

-----5 in----

2) The coffee can holds 2009.6 cubic inches of coffee. What is the height of the can?
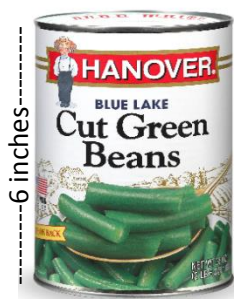
-----16 inches-----

3) The pizza cone can hold 113.04 cubic cm of filling. Find the height of the cone.

--3 cm--

4) The can below holds 169.56 cubic inches of green beans. Find the radius of the can.

6 inches

5) The cup below can hold 1017.36 cubic cm of Italian ice. Find the radius.

12 cm

Challenge:

6) The piñata below can hold 7234.56 cubic inches of candy. Find the radius.