Name: _____   Date: _____

Section 7.2 Extra Practice

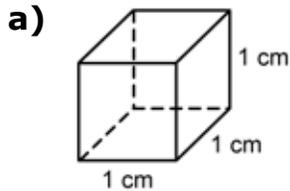**1.** Determine the volume of each cube.

a)

1 cm
1 cm
1 cm

b)

12.5 cm

12.5 cm

12.5 cm

c)

14 cm

14 cm

14 cm
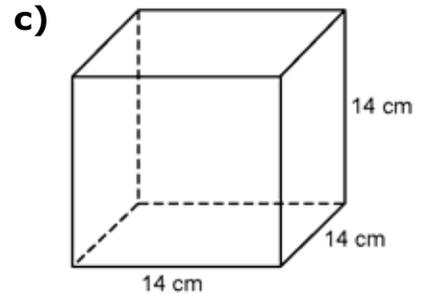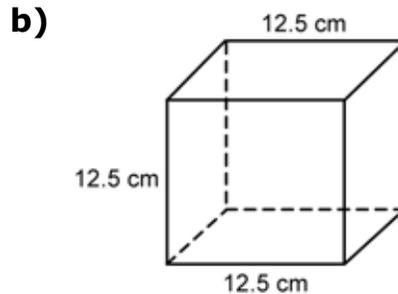
2. What is the volume of each right triangular prism?

a)

7 cm

4 cm   1 cm

b)

25 cm

17 cm

20 cm

c)

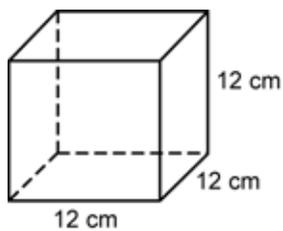45 cm

60 cm

7.5 cm
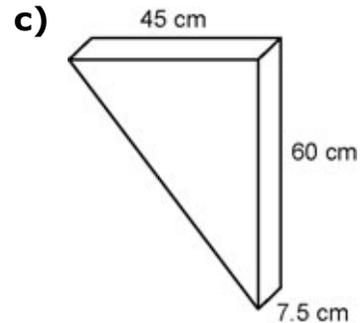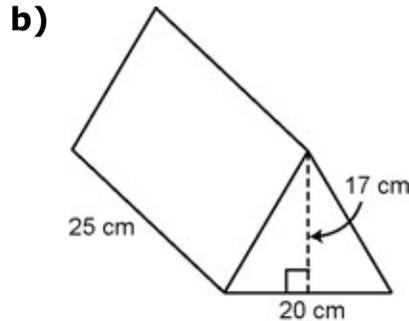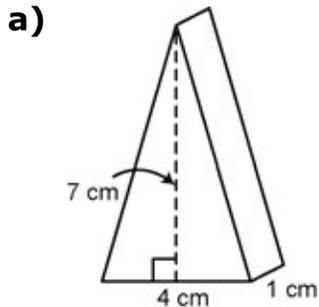
3. Determine the volume of the contents of each right prism.

a) $\frac{3}{4}$ full

12 cm

12 cm

12 cm

b) $\frac{1}{2}$ full

10 cm

10 cm   10 cm

c) $\frac{2}{5}$ full

12 cm

20 cm

5 cm
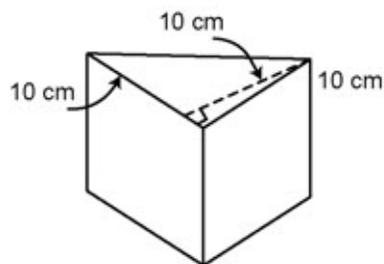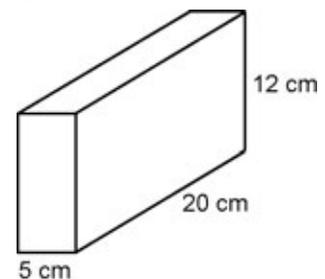
4. What is the area of the base of each right triangular prism?

a) volume = 90 cm³, height = 10 cm

b) volume = 864 cm³, height = 6 cm

c) volume = 1 cm³, height = 1 cm