Math 5
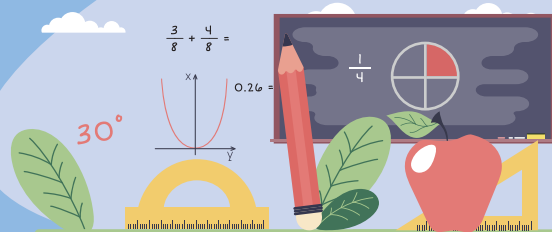
Finding Volume Assignment

1) In your own words describe how you would find the volume of a figure using unit cubes?

2) Why is volume calculated in units cubed?

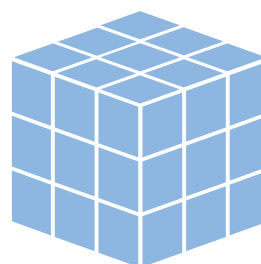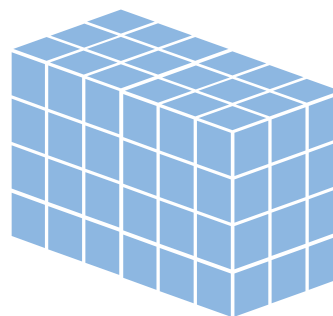
Figure 1

3) Find the volume of figure 1.

Figure 2

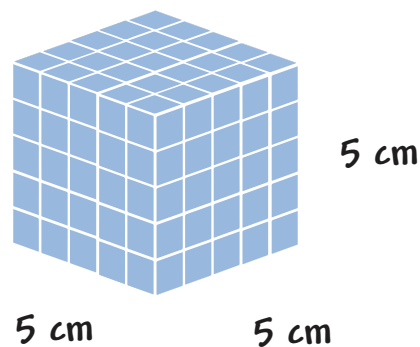4) Find the volume of figure 2.

5) Find the volume of figure 3.

5 cm

5 cm

5 cm

Figure 3

6) In your own words explain how to find the volume of a box using the formula Volume = length x width x height.

7) Explain how the following two formulas are the same:

Volume = b x h
Volume = l x w x h
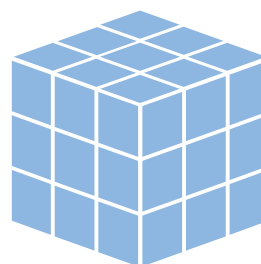
Figure 1

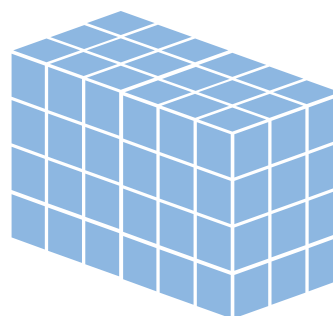8) Find the volume of figure 1 using the volume formula. Make sure to identify length, width and height.

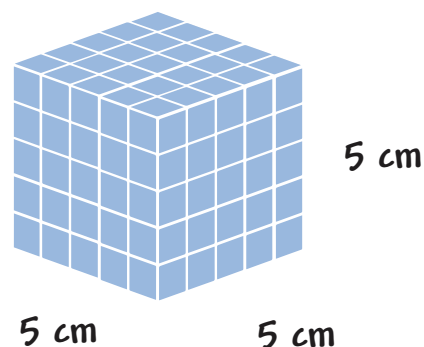9) Find the volume of figure 2 using the volume formula. Make sure to identify length, width and height.

Figure 2

5 cm

10) Find the volume of figure 3 using the volume formula. Make sure to identify length, width and height.

5 cm   5 cm

Figure 3