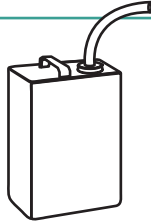# More than One: Addition

What happens when you need to find the total volume for multiple items? You must find the sum of all of the different volumes. See the example below.

Directions: *Read the problems below. Find the total volume for each problem.*

Example: A gasoline container measures 3 inches by 6 inches by 18 inches. If there are two gasoline containers, what is the total volume of these two containers?

$\underline{3 \text{ in}}$ x $\underline{6 \text{ in}}$ x $\underline{18 \text{ in}}$ = $\underline{324 \text{ in}^3}$
(length)   (width)   (height)

Now, find the sum of the volume of two gas cans.

$\underline{324 \text{ in}^3} + \underline{324 \text{ in}^3} = \underline{648 \text{ in}^3}$

1. Three ice cream cartons that measure 2 inches by 1 inch by 8 inches.

2. Four cookie packages that measure 8 centimeters by 11 centimeters by 3 centimeters.

3. Two filing cabinets that measure 2 meters by 1 meter by 3 meters.

4. Five tissue boxes that measure 4 inches by 5 inches by 7 inches.

5. Seven pudding containers that measure 50 millimeters by 20 millimeters by 10 millimeters.