

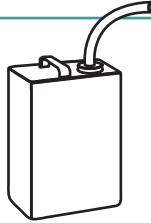
Answers

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?



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

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.

$$48 \text{ in}^3$$

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

$$1056 \text{ in}^3$$

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

$$12 \text{ m}^3$$

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

$$700 \text{ in}^3$$

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

$$70000 \text{ mm}^3$$