Equivalent Measurements

Converting larger units of measure to smaller units of equivalent measures.

$$3 \text{ weeks} = 3 \times (\underline{\hspace{1em}} \text{ week})$$

* A week is a larger unit than a day.

3 hours = 180 minutes

$$3 \text{ hours} = 3 \times (1 \text{ hour})$$

* An hour is a larger unit than a minute.

1.05 meters = 105 centimeters

$$1.05 \text{ meters} = 1.05 \times (1 \text{ meter})$$

* A meter is a larger unit than a centimeter.

4. A crate of apples weighs 5.7 kilograms. Convert the weight to grams.

A sack holds 56.75 pounds of sand. Convert the weight to ounces.

o ounces.
$$56.751b = 90802$$
 02 $= 56.75 \times 116$ 56.75 $= 50.75 \times 1002$ $= 90802$ $= 90802$ $= 90800$

The capacity of a bowl is 0.19 liters. Convert the capacity to milliliters.

$$0.19L = 109 mL$$

= $0.19 \times 1L$
= $0.19 \times 1000 mL$
= $190 mL$