4.2 Best Buy - Different Units

Sometimes it is more difficult to compare the price of items since they are in different units, such as meat which can be listed as a price per pound or per kilogram. We need to use unit conversions to be able to fairly compare the unit prices.

Examples

Ex 1. Which is the better buy:

x1. Which is the better buy:

a
$$2L$$
 of lemonade for \$2.56 or 900 mL for \$1.20?

$$2L \times 1000 \text{ mL} = 2000 \text{ mL}$$

$$= 2000 \text{ mL} \cdot 1.20 = $0.00133...\text{mL}$$

$$\frac{$1.20}{2000 \text{ mL}} = $0.00128 \text{ mL}$$

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