

Length, Mass, and Volume

Review of fractions.

List the next 4 equivalent fractions of the fraction below.

$$\frac{3}{4} = \frac{\square}{\square} = \frac{\square}{\square} = \frac{\square}{\square} = \frac{\square}{\square}$$

Find the missing numerator or denominator.

a.) $\frac{7}{9} = \frac{\square}{36}$

b.) $\frac{5}{8} = \frac{30}{\square}$

Express the following fractions in simplest form.

a.) $\frac{20}{50} = \frac{\square}{\square}$

b.) $\frac{18}{21} = \frac{\square}{\square}$

Write in centimetres.

a.) 4 m 1 cm = _____ cm

b.) 13 m = _____ cm

Write in metres and centimetres.

a.) 115 cm = _____ m _____ cm

b.) 2009 cm = _____ m _____ cm

Write in grams.

a.) 70 kg = _____ g

b.) 5 kg 24 g = _____ g

Write in kilograms and grams.

a.) 6700 g = _____ kg _____ g

b.) 20050 g = _____ kg _____ g

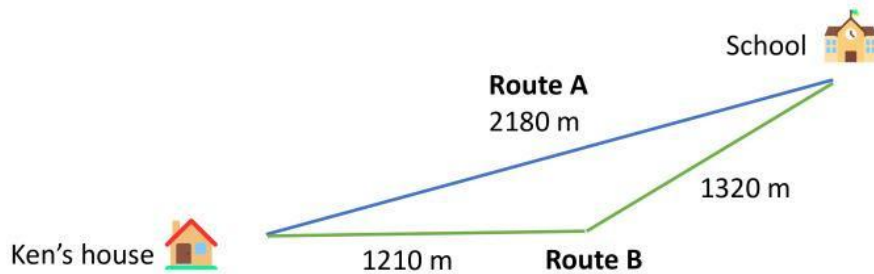
Write in litres.

a.) 19905 ml = _____ ℓ _____ ml

b.) 8507 ml = _____ ℓ _____ ml

Solve the word problems.

1. Given below are the two routes to go to the school from Ken's house. Study the map and answer the questions.



- a.) How long is Route B?

_____ ○ _____ = _____

Route B is _____ long.

- b.) Which route is shorter? By how many metres?

_____ ○ _____ = _____

Route _____ is shorter than Route _____ by _____ m.

2. Mrs. Reyes bought 5 kg of flour packed in a bag. She poured an equal amount of flour into 3 jars, and had 3500 g left in the bag. What was the mass of flour in each jar?



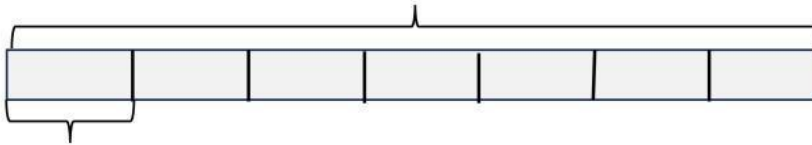
_____ ○ _____ = _____

_____ ○ _____ = _____

The mass of the flour in each jar is _____.

3. Mother bought 7 empty bottles. Each bottle has a capacity of 500 ml.
After milking the cows, she had 5 ℓ of milk and filled each bottle she bought.

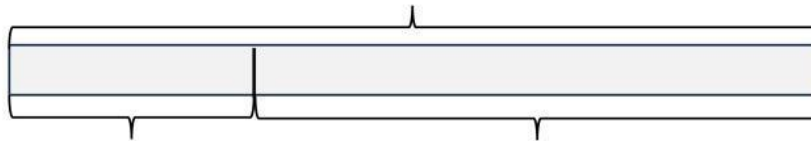
a.) How much of the milk was used to fill all the bottles?



$$\underline{\hspace{2cm}} \bigcirc \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

 of milk was used to fill all the bottles.

b.) How much of the milk was left? Give your answer in ℓ and ml.



$$\underline{\hspace{2cm}} \bigcirc \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

 ℓ ml of milk was left.