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.

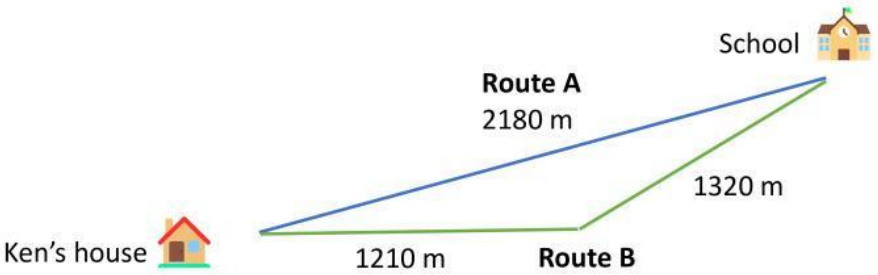
a.) 19905 ml = _____ ℓ _____ ml

b.) 8507 ml = _____ ℓ _____ ml

LIVEWORKSHEETS

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?

   _____ ◯ _____ = _____

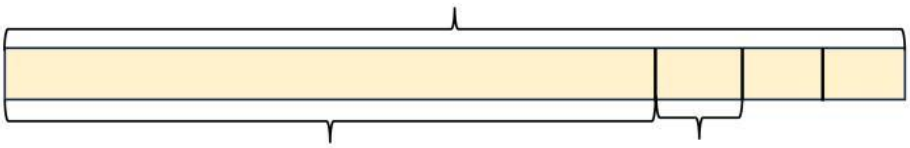
   Route B is _____ long.

   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?



   _____ ◯ _____ = _____

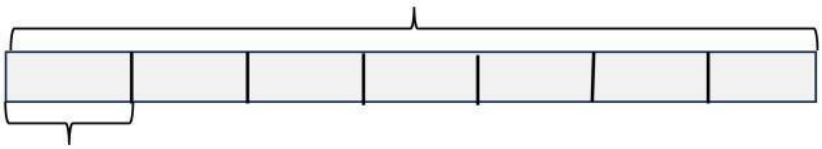
   _____ ◯ _____ = _____

   The mass of the flour in each jar is _____.

LIVEWORKSHEETS

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.

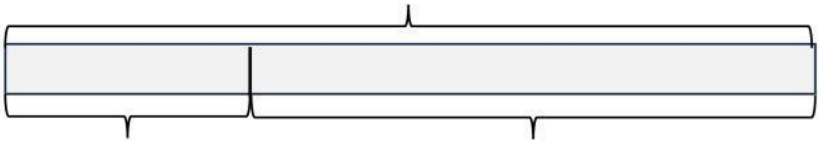
a.) How much of the milk was used to fill all the bottles?



_____ ◯ _____ = _____

_____ of milk was used to fill all the bottles.

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



_____ ◯ _____ = _____

_____ ℓ _____ ml of milk was left.

LIVEWORKSHEETS