

P.5 Division of fractions (Classwork)

Name: _____ ()

Marks: _____

Class: _____ 5

Date: _____

Solve the problems with different methods.

1) A ribbon is $9\frac{1}{5}$ cm long. Peter cuts it into 4 equal parts for decoration.

How many centimetre is each part of the ribbon now?

Number sentence: _____

Method 1: Solve the problem using a paper strip.

I cut a paper strip of _____ cm _____ mm to represent the original length of the ribbon.

I folded it into _____ equal parts.

I measured the length of each part. It is _____ cm _____ mm long.

Therefore, the answer is _____ cm.

Checking

From my measurement, each part of the ribbon is _____ cm.

There are 4 equal parts.

The original length of the ribbon is:

_____ $\times 4 =$ _____

My answer (is / is not) correct.

Method 2: By calculation (Hints: “divided into 4 equal parts” = finding $\frac{1}{4}$ of the total)

- 2) A bag of rice weighs $10\frac{2}{5}$ kg. Peter divides it into 4 small bags equally.
How many kilogram of rice are there in each small bag?

Number sentence: _____

Method 1: Solve the problem using a paper strip.

I cut a paper strip of _____ cm _____ mm to represent the original weight of rice.

I folded it into _____ equal parts.

I measured the length of each part. It is _____ cm _____ mm long.

Therefore, the answer is _____ kg.

Checking

From my measurement, the weight of each small bag of rice is _____ kg.

There are 4 small bags of rice.

The original weight of the bag of rice is:

_____ $\times 4 =$ _____

My answer (is / is not) correct.

Method 2: By calculation (Hints: “divided into 4 equal parts” = finding $\frac{1}{4}$ of the total)

P.5 Division of fractions (Homework)

Name: _____ ()

Marks: _____

Class: _____ 5

Date: _____

Solve the problem with different methods.

- 1) There is $6\frac{2}{5}$ L of water in a kettle. Johnny pours it into 4 bottles equally.
How many litres of water are there in each bottle?

Number sentence: _____

Method 1: Solve the problem using a paper strip.

I cut a paper strip of _____ cm _____ mm to represent the volume of water in the kettle.

I folded it into _____ equal parts.

I measured the length of each part. It is _____ cm _____ mm long.

Therefore, the answer is _____ L.

Checking

From my measurement, the volume of each bottle of water is _____ L.

There are 4 bottles of water.

The volume of water in the kettle is:

_____ $\times 4 =$ _____

My answer (is / is not) correct.

Method 2: By calculation (Hints: “divided into 4 equal parts” = finding $\frac{1}{4}$ of the total)