

Name: Loz

Date: 2 - 1 - 2021

CHAPTER
7

Ratio

-1

10
11

Lesson 7.1 Finding Ratio

Solve.

A packet of breakfast cereal contains these ingredients:

Dried fruit	16 grams
Walnuts	23 grams
Rolled oats	11 grams
Cornflakes	10 grams

✓

1. Find the total mass of the ingredients in the packet of breakfast cereal.

$$16 + 23 + 11 + 10 = 60$$

your math is right
but no label
-1

2. Complete the table to show the ratios.

The Ratio of	Ratio
The mass of walnuts to the mass of cornflakes	23:10
The mass of rolled oats to the total mass of cereal	11:60
The total mass of cereal to the mass of walnuts	60:23
The total mass of dried fruit and walnuts to the mass of cornflakes	39:10
The total mass of cereal to the mass of cornflakes	60:10

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Solve.

- 3.** A concrete mixture is made up of 3 parts water, 4 parts cement, and 5 parts sand. Find the ratios of:

a. the amount of cement to the amount of water

4:3

4 parts of cement

3 parts of water

b. the amount of sand to the amount of the concrete mixture

$$3 + 4 + 5 = 12$$

5:12

- 4.** There are 20 animals in a pond. Of these animals, 7 are frogs, 8 are fish, and the rest are tortoises. Find the ratios of:

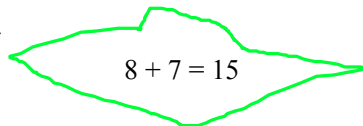
a. the number of frogs to the total number of animals

7:20

b. the number of fish to the number of tortoises

$$20 - 15 = 5$$

The total number is 20 animals.



What is the missing number?

8 fish

8:5

5 tortoises

- 5.** Malik had \$56 at first. He had \$27 left after giving some money to both Anne and John. If John received \$15, what was the ratio of the amount of money Anne received to the amount of money John received?

$$56 - 15 - 14 = 27$$

14:15