Warm-up



What is a ratio?

- A ratio compares two or more quantities.

> EXAMPLES:

1.3 apples to 2 oranges
2.10 wins to 5 losses
3.2 cups of juice to 1 cup of water

- A ratio is not one number — it’s a relationship between multiple numbers.

Grady played 7 hockey games.

Scored 10 goals.

10 to 7

What are Ratios? (cont'd)

- Ratios can be written different ways:
  - > Using a colon
  - > Using a fraction
  - > Using words

Example: Write the following ratio as using a colon, and using words

1. There are 14 soccer balls and 19 basketballs needed in gym class today! What is the ratio of basketballs to soccer balls?

19 to 14

19 : 14

basketballs to soccer balls.

Watch this!!!!!

Let's look at ratios in this classroom

Boys to girls: 18:9

Desks to students: 30:27

Students here to students not here: 27:0

Boys to all students: 18:27

Girls to all students: 9:27

Desks to chairs: 33:32

1. A bag has 6 green candies and 9 yellow candies.
   > Write the ratio of green to yellow.

green to yellow
6 : 9

2. A recipe uses 2 cups of flour and 1 cup of sugar.
   > Write in all three forms.

1 : 2

sugar to cups of flour.

3. The class has 14 Chromebooks and 7 iPads.
   > Write the part-to-part ratio and part-to-whole fraction.

chromebooks to ipads.

14 : 7

Homework