

1. Turn in Fruit Loop Lab

2. Take a seat. I will give you new seats when I come in.

3. Problem of the day

$$10:2$$

$$\frac{10}{2} \times 100 = \frac{1000}{200}$$

10 to 2

I found that my bag of M&Ms had 2 blue M&Ms and had a total of 10 M&Ms. What is the ratio of total to blue? How many would I expect to be in a bag of 1,000 M&Ms?

200 blue

Module 6

Lesson 1

What is a Ratio?

**I will understand and be
able to explain ratios**

Ratio

A comparison of two quantities by
division

- ★ Must write in the correct order!!
 - ★ Often expressed in simplest form
-

Ways to Write a Ratio:

Boys to Girls

•



3 Types of Ratios

Sam's Video Collection

Comedies	8
Dramas	3
Cartoons	2
Science Fiction	1

Part to Part	Comedies to Dramas
Part to Whole	Dramas to Total
Whole to Part	Total to Cartoons

1) A group of preschoolers has 8 boys and 24 girls. What is the ratio of girls to all children?

$$24 + 8 = 32$$

$$24 : 32$$

2) A math club has 25 members, of which 11 are males and the rest are females. What is the ratio of males to all club members?

$$11 : 25$$

3) Dylan drew 1 heart, 1 star, and 26 circles. What is the ratio of circles to hearts to stars?

$$26 : 1 : 1$$

$$26 \text{ to } 1 \text{ to } 1$$

4) At the burger shop the ratio of regular sodas sold to diet sodas sold was 3:6. For every 6 diet sodas sold there are 3 regular sodas sold.

Describe a situation that represents the Ratio:

- 1) 1 to 12
- 2) 5 to 2
- 3) 2 to 10

1 girl to 12 members (part to whole)
~~13 members~~ 1 girls to 12 boys (part to part)

5 chocolate to 2 vanilla (part to part)
5 members to 2 dog owners

part to whole 2 oranges to 10 fruit
2 burgers to 10 fries

Ratio Task Cards

You have 15 minutes to complete!

Then Homework

Pencils 3
C Pencils #
E #
M #
C #