

Use the words, “**East Cobb Middle School**” to answer questions 7-11.

- 7) What is the ratio of vowels to consonants?
- 8) What is the ratio of letters in ECMS to East Cobb Middle School?
- 9) What is the ratio of the letters in “East Cobb” to the letters in “Middle School”?
- 10) What is the ratio of the letters in “Middle School” to the letters in “East Cobb”?
- 11) Crain says the ratio of letters in “East” to “Cobb” is 4:4. Hailey says that ratio is 1:1. Who is correct? Explain your answer.

The table below shows the number of balloons purchased in each color at Party City. Using this information, answer questions 12-15.

Color	Red	Yellow	Blue	Green
Quantity Sold	10	20	15	25

- 12) Which two items does the ratio 10:20 represent?
- 13) Which two items does the ratio 3:5 represent?
- 14) Which two items does the ratio 5 to 3 represent?
- 15) Which two items does the ratio  $\frac{3}{2}$  represent?
- 16) Which two items does the ratio 4:3 represent?

## Different Types of Ratios

**Part to \_\_\_\_\_** ratios are ratios that relate one part of a whole to another part of a whole.

**Example:**

There are 4 boys for every 6 girls. The ratio of boys (a part of the group of kids) to girls (another part of the group of kids) is 4:6 (*simplified to 2:3*).

**You Try:**



The ratio of boys to girls is: \_\_\_\_\_ to \_\_\_\_\_

The ratio of girls to boys is: \_\_\_\_\_ : \_\_\_\_\_

**Part to \_\_\_\_\_** ratios are ratios that relate one part of the whole to the whole.

**Example:**

There are 4 boys (a part of the group of children) for every 10 children (the whole group of children), written as 4:10 (*simplified to 2:5*). On the other hand, 6 girls for every 10 children is written as 6:10 (*simplified to 3:5*).

**You Try:**



The ratio of boys to children is: \_\_\_\_\_ to \_\_\_\_\_

The ratio of girls to children is: \_\_\_\_\_ : \_\_\_\_\_