**5.1a Finding Ratios**

**EQ:** What is a RATIO and how do we find them?

**RATIO:** a comparison of two quantities using division that can be written three different ways.

***Ex:*** As a **fraction:**

With the word ***to*** between the quantities: 3 to 4

With a **:** between the quantities: 3:4

HOW TO FIND RATIOS:

-Write the quantity of each item being compared in the order they are given in the question (first-on top, second-on bottom) in FRACTION FORM!

-Then **simplify/reduce** the fraction.

**Ex 1:** The bus has 45 males and 60 females.

**Q1:** What is the ratio of MALES to FEMALES?

**= ÷** =

**Q2:** What is the ratio of MALES to ALL PASSENGERS?

**=**  ÷ =

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**Ex 2:** There are 12 dogs and 15 cats at the pet store.

**Q1:** Find the ratio of DOGS to CATS?

**= ÷** =

**Q2:** What is the ratio of CATS to ALL PETS?

**=**  ÷ =

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**RATIO:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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**HOW TO FIND RATIOS:**

- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**IXL R.2 (6th) Practice as a CLASS**

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