

Ratios: Explain what a ratio is, solve problems using ratio tables

In you own words explain what a ratio is: \_\_\_\_\_

---

For the following problems, solve using a ratio table

1. In Mr. Romero's auto shop class, the ratio of boys to girls is 5:2. If there are 35 students in the class, how many are boys?

2. The Great Zucchini, an illusionist, has black rabbits and white rabbits which he pulls from his hat. The ratio of black rabbits to white rabbits is 1:3. If the Great Zucchini has 52 rabbits, how many of them are white?

3. Micah has a bag of 55 marbles, all blue and red. If the ratio of red to blue marbles is 3:2, how many red marbles does Micah have? How many blue marbles does he have?

1. The ratio of cats to dogs at Four-Legged Friends Pet Store is 8:7. If Four-Legged Friends has 48 cats, how many dogs does it have?

2. The ratio of sunny days to cloudy days in Lawsville, Colorado is 9:2. In a given time period, if there are 108 sunny days, how many cloudy days would you expect?

3. Phineas has both country music and rock music on his iPod. The ratio of country music to rock music is 5:4. If Phineas has 205 country songs on his iPod, how many rock songs are on his iPod?