

Ratio Problems Worksheet

Solve. If the problem asks for a ratio, give it in simplified form.

1 a. A jar pinto beans and black beans in a ratio of 1 : 1, and 300 of the beans are pinto beans. How many beans in total are there in the jar?

2 a. Jayden and Caden share a reward of \$140 in a ratio of 2 : 5. What fraction of the total reward does Jayden get?

3 a. Gavin has nickels, dimes, and quarters in the ratio of 8 : 1 : 2. If 30 of Gavin's coins are quarters, how many nickels and dimes does Gavin have?

4 a. The ratio of girls to boys in a a swimming club was 2 : 4. There were 14 girls. How many total members were there in the club?

5 a. A jar contains 550 beans. Of all the beans, $\frac{2}{5}$ are white beans and the rest are navy beans. What is the ratio of white beans to navy beans?

6 a. Sophia and Isabella share a reward of \$117 in a ratio of 1 : 8. What fraction of the total reward does Sophia get?

Name: _____ Date: _____

Answer Key

1 a. The jar contains 600 beans.

2 a. Jayden gets $\frac{2}{7}$ of the total.

3 a. Gavin has 120 nickels and 15 dimes.

4 a. There were 42 members.

5 a. The ratio of white beans to navy beans is 2 : 3.

6 a. Sophia gets $\frac{1}{9}$ of the total.