Ratios Word Problems

Solve the problems below.

1. The ratio of boys to girls in a class room is 7 to 11. If there are a total of 49 boys in the classroom, then how many boys and girls are there altogether?

2. The ratio of marbles to stones in a large pot is 6 to 7. If there are 42 marbles, then how many stones are there?

3. The ratio of coins to notes in a bag is 3 to 8. If there are total of 24 coins, then how many notes are there?

4. The ratio of black bags to blue bags is 5 to 3. If there are a total of 10 black bags, then how many blue bags are there?

5. The ratio of trucks to cars is 7 to 8. If there are a total of 21 trucks, how many cars are there?

6. The ratio of red ribbons to green ribbons is 4 to 6. If there are a total of 32 red ribbons, then how many green ribbons are there?

7. The volume of water in two containers is in the ratio of 6 to 7. If the volume of first container is 36 liters, find the volume of second container?

Name _____   Date _____

Answer Key

1. 77

2. 49

3. 64

4. 6

5. 24

6. 48

7. 42