

Name: _____

Date: _____ Score: _____

Ratio Story Problems

Solve the given problems.

1. The ratio of football players to basketball players in a school is 2:7. If there are 18 football players, how many basketball players are there?

2. A recipe requires salt and sugar in the ratio of 2:3. If you are using 6 cups of salt, how many cups of sugar should you use?

3. Two numbers are in the ratio 5:6. If 2 is added to the first number and 3 is added to the second number, they are in the ratio 4:5. Find the numbers.

4. If a quantity is divided in the ratio 5:7 and the larger part is 84, find the total quantity.

5. Your recipe for chocolate chip cookies uses 1 cup of flour to make 12 cookies. How much flour will you need to make 20 cookies?

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Answers

1. The ratio of football players to basketball players in a school is 2:7. If there are 18 football players, how many basketball players are there?

63

2. A recipe requires salt and sugar in the ratio of 2:3. If you are using 6 cups of salt, how many cups of sugar should you use?

9

3. Two numbers are in the ratio 5:6. If 2 is added to the first number and 3 is added to the second number, they are in the ratio 4:5. Find the numbers.

10, 12

4. If a quantity is divided in the ratio 5:7 and the larger part is 84, find the total quantity.

144

5. Your recipe for chocolate chip cookies uses 1 cup of flour to make 12 cookies. How much flour will you need to make 20 cookies?

5/3 cups
