

# Ratios Basics

Grades 7-8 • Understanding and simplifying ratios

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. There are 14 red marbles and 35 blue marbles. What is the ratio of red marbles to blue marbles in simplest form?

Answer: \_\_\_\_\_

2. There are 15 cars and 20 trucks. What is the ratio of cars to trucks in simplest form?

Answer: \_\_\_\_\_

3. There are 8 cars and 20 trucks. What is the ratio of cars to trucks in simplest form?

Answer: \_\_\_\_\_

4. There are 18 cars and 24 trucks. What is the ratio of cars to trucks in simplest form?

Answer: \_\_\_\_\_

5. There are 7 boys and 28 girls. What is the ratio of boys to girls in simplest form?

Answer: \_\_\_\_\_

6. There are 5 apples and 10 oranges. What is the ratio of apples to oranges in simplest form?

Answer: \_\_\_\_\_

7. There are 21 cars and 35 trucks. What is the ratio of cars to trucks in simplest form?

Answer: \_\_\_\_\_

8. There are 6 cats and 8 dogs. What is the ratio of cats to dogs in simplest form?

Answer: \_\_\_\_\_

9. There are 12 cats and 18 dogs. What is the ratio of cats to dogs in simplest form?

Answer: \_\_\_\_\_

10. There are 15 boys and 20 girls. What is the ratio of boys to girls in simplest form?

Answer: \_\_\_\_\_

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## Answer Key

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1. There are 14 red marbles and 35 blue marbles. What is the ratio of red marbles to blue marbles in simplest form? **2:5**
2. There are 15 cars and 20 trucks. What is the ratio of cars to trucks in simplest form? **3:4**
3. There are 8 cars and 20 trucks. What is the ratio of cars to trucks in simplest form? **2:5**
4. There are 18 cars and 24 trucks. What is the ratio of cars to trucks in simplest form? **3:4**
5. There are 7 boys and 28 girls. What is the ratio of boys to girls in simplest form? **1:4**
6. There are 5 apples and 10 oranges. What is the ratio of apples to oranges in simplest form? **1:2**
7. There are 21 cars and 35 trucks. What is the ratio of cars to trucks in simplest form? **3:5**
8. There are 6 cats and 8 dogs. What is the ratio of cats to dogs in simplest form? **3:4**
9. There are 12 cats and 18 dogs. What is the ratio of cats to dogs in simplest form? **2:3**
10. There are 15 boys and 20 girls. What is the ratio of boys to girls in simplest form? **3:4**

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