

Ratios Basics

Grades 7-8 • Understanding and simplifying ratios

Name: _____

Date: _____

1. There are 8 cats and 24 dogs. What is the ratio of cats to dogs in simplest form?

Answer: _____

2. There are 16 apples and 40 oranges. What is the ratio of apples to oranges in simplest form?

Answer: _____

3. There are 3 cars and 9 trucks. What is the ratio of cars to trucks in simplest form?

Answer: _____

4. There are 16 cats and 24 dogs. What is the ratio of cats to dogs in simplest form?

Answer: _____

5. There are 7 red marbles and 28 blue marbles. What is the ratio of red marbles to blue marbles in simplest form?

Answer: _____

6. There are 16 cars and 40 trucks. What is the ratio of cars to trucks in simplest form?

Answer: _____

7. There are 3 cars and 9 trucks. What is the ratio of cars to trucks in simplest form?

Answer: _____

8. There are 9 cars and 12 trucks. What is the ratio of cars to trucks in simplest form?

Answer: _____

9. There are 6 apples and 15 oranges. What is the ratio of apples to oranges in simplest form?

Answer: _____

10. There are 8 cats and 16 dogs. What is the ratio of cats to dogs in simplest form?

Answer: _____

Answer Key

- | | | |
|-----|---|------------|
| 1. | There are 8 cats and 24 dogs. What is the ratio of cats to dogs in simplest form? | 1:3 |
| 2. | There are 16 apples and 40 oranges. What is the ratio of apples to oranges in simplest form? | 2:5 |
| 3. | There are 3 cars and 9 trucks. What is the ratio of cars to trucks in simplest form? | 1:3 |
| 4. | There are 16 cats and 24 dogs. What is the ratio of cats to dogs in simplest form? | 2:3 |
| 5. | There are 7 red marbles and 28 blue marbles. What is the ratio of red marbles to blue marbles in simplest form? | 1:4 |
| 6. | There are 16 cars and 40 trucks. What is the ratio of cars to trucks in simplest form? | 2:5 |
| 7. | There are 3 cars and 9 trucks. What is the ratio of cars to trucks in simplest form? | 1:3 |
| 8. | There are 9 cars and 12 trucks. What is the ratio of cars to trucks in simplest form? | 3:4 |
| 9. | There are 6 apples and 15 oranges. What is the ratio of apples to oranges in simplest form? | 2:5 |
| 10. | There are 8 cats and 16 dogs. What is the ratio of cats to dogs in simplest form? | 1:2 |