

Ratios Basics

Grades 7-8 • Understanding and simplifying ratios

Name: _____

Date: _____

1. There are 7 apples and 14 oranges. What is the ratio of apples to oranges in simplest form?

Answer: _____

2. There are 4 apples and 8 oranges. What is the ratio of apples to oranges in simplest form?

Answer: _____

3. There are 4 red marbles and 16 blue marbles. What is the ratio of red marbles to blue marbles in simplest form?

Answer: _____

4. There are 15 cats and 20 dogs. What is the ratio of cats to dogs in simplest form?

Answer: _____

5. There are 4 boys and 10 girls. What is the ratio of boys to girls in simplest form?

Answer: _____

6. There are 9 boys and 12 girls. What is the ratio of boys to girls in simplest form?

Answer: _____

7. There are 16 cats and 40 dogs. What is the ratio of cats to dogs in simplest form?

Answer: _____

8. There are 8 apples and 12 oranges. What is the ratio of apples to oranges in simplest form?

Answer: _____

9. There are 12 cats and 20 dogs. What is the ratio of cats to dogs in simplest form?

Answer: _____

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

Answer: _____

Answer Key

1.	There are 7 apples and 14 oranges. What is the ratio of apples to oranges in simplest form?	1:2
2.	There are 4 apples and 8 oranges. What is the ratio of apples to oranges in simplest form?	1:2
3.	There are 4 red marbles and 16 blue marbles. What is the ratio of red marbles to blue marbles in simplest form?	1:4
4.	There are 15 cats and 20 dogs. What is the ratio of cats to dogs in simplest form?	3:4
5.	There are 4 boys and 10 girls. What is the ratio of boys to girls in simplest form?	2:5
6.	There are 9 boys and 12 girls. What is the ratio of boys to girls in simplest form?	3:4
7.	There are 16 cats and 40 dogs. What is the ratio of cats to dogs in simplest form?	2:5
8.	There are 8 apples and 12 oranges. What is the ratio of apples to oranges in simplest form?	2:3
9.	There are 12 cats and 20 dogs. What is the ratio of cats to dogs in simplest form?	3:5
10.	There are 16 apples and 40 oranges. What is the ratio of apples to oranges in simplest form?	2:5