

Use ratio language to describe two quantities

NAME	DATE	SCORE / 10
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- 1** A class has 6 boys and 4 girls. Which sentence describes the ratio of girls to boys?

☐ The ratio of girls to boys is 3 to 2. ☐ The ratio of girls to boys is 2 to 4.
☐ The ratio of girls to boys is 2 to 5. ☐ The ratio of girls to boys is 2 to 3.

- 2** A class has 6 boys and 4 girls. Which sentence describes the ratio of boys to girls?

☐ The ratio of boys to girls is 4 to 2. ☐ The ratio of boys to girls is 3 to 5.
☐ The ratio of boys to girls is 3 to 2. ☐ The ratio of boys to girls is 2 to 3.

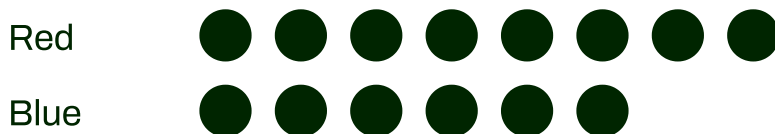
- 3** A pet shop has 15 cats and 6 dogs. Which sentence describes the ratio of dogs to cats?

☐ The ratio of dogs to cats is 5 to 2. ☐ The ratio of dogs to cats is 2 to 7.
☐ The ratio of dogs to cats is 2 to 5. ☐ The ratio of dogs to cats is 2 to 11.

- 4** A pet shop has 6 cats and 8 dogs. Which sentence describes the ratio of cats to dogs?

☐ The ratio of cats to dogs is 3 to 4. ☐ The ratio of cats to dogs is 3 to 7.
☐ The ratio of cats to dogs is 3 to 5. ☐ The ratio of cats to dogs is 4 to 3.

- 5** The picture below shows the red and blue marbles in a bag. Which sentence describes the ratio of blue marbles to red marbles?



- ☐ The ratio of blue marbles to red marbles is 3 to 5.
☐ The ratio of blue marbles to red marbles is 4 to 3.
☐ The ratio of blue marbles to red marbles is 3 to 4.
☐ The ratio of blue marbles to red marbles is 3 to 7.

6 A fruit punch uses 6 cups of juice and 8 cups of water. Which sentence describes the ratio of cups of juice to cups of water?

- ☐ For every 3 cups of juice, there are 4 cups of water.
- ☐ For every 3 cups of juice, there are 5 cups of water.
- ☐ For every 4 cups of juice, there are 3 cups of water.
- ☐ For every 3 cups of juice, there are 7 cups of water.

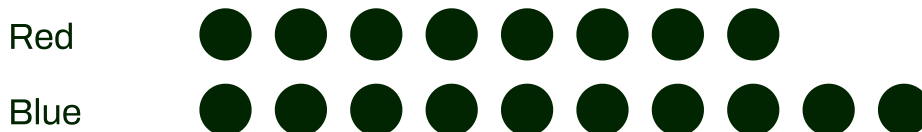
7 A class has 8 boys and 6 girls. Which sentence describes the ratio of boys to girls?

- ☐ For every 4 boys, there are 3 girls.
- ☐ For every 4 boys, there are 7 girls.
- ☐ For every 3 boys, there are 4 girls.
- ☐ For every 5 boys, there are 3 girls.

8 A pet shop has 15 cats and 12 dogs. Which sentence describes the ratio of cats to dogs?

- ☐ For every 5 cats, there are 4 dogs.
- ☐ For every 7 cats, there are 4 dogs.
- ☐ For every 5 cats, there are 9 dogs.
- ☐ For every 4 cats, there are 5 dogs.

9 The picture below shows the red and blue marbles in a bag. Which sentence describes the ratio of red marbles to blue marbles?



- ☐ For every 4 red marbles, there are 5 blue marbles.
- ☐ For every 4 red marbles, there are 9 blue marbles.
- ☐ For every 5 red marbles, there are 4 blue marbles.
- ☐ For every 4 red marbles, there are 6 blue marbles.

10 A fruit punch uses 6 cups of juice and 4 cups of water. Which sentence describes the ratio of cups of water to cups of juice?

- ☐ The ratio of cups of water to cups of juice is 2 to 5.
- ☐ The ratio of cups of water to cups of juice is 3 to 2.
- ☐ The ratio of cups of water to cups of juice is 2 to 3.
- ☐ The ratio of cups of water to cups of juice is 2 to 4.

Use ratio language to describe two quantities

1 The ratio of girls to boys is 2 to 3.

3 The ratio of dogs to cats is 2 to 5.

5 The ratio of blue marbles to red marbles is 3 to 4.

7 For every 4 boys, there are 3 girls.

9 For every 4 red marbles, there are 5 blue marbles.

2 The ratio of boys to girls is 3 to 2.

4 The ratio of cats to dogs is 3 to 4.

6 For every 3 cups of juice, there are 4 cups of water.

8 For every 5 cats, there are 4 dogs.

10 The ratio of cups of water to cups of juice is 2 to 3.
