

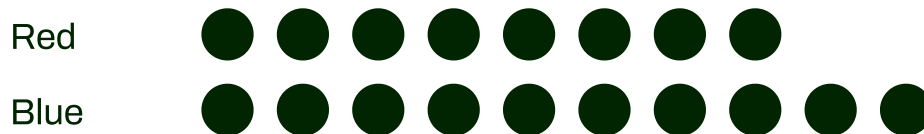
Use ratio language to describe two quantities

NAME	DATE	SCORE / 10
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1 A pet shop has 9 cats and 15 dogs. Which sentence describes the ratio of dogs to cats?

- ☐ For every 5 dogs, there are 3 cats. ☐ For every 3 dogs, there are 5 cats.
☐ For every 5 dogs, there are 8 cats. ☐ For every 9 dogs, there are 3 cats.

2 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 5 red marbles, there are 4 blue marbles.
☐ For every 4 red marbles, there are 9 blue marbles.
☐ For every 4 red marbles, there are 6 blue marbles.
☐ For every 4 red marbles, there are 5 blue marbles.

3 A fruit punch uses 10 cups of juice and 8 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 4 to 9.
☐ The ratio of cups of water to cups of juice is 4 to 5.
☐ The ratio of cups of water to cups of juice is 5 to 4.
☐ The ratio of cups of water to cups of juice is 4 to 6.

4 A pet shop has 9 cats and 12 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 6.
☐ The ratio of cats to dogs is 4 to 3. ☐ The ratio of cats to dogs is 3 to 7.

5 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?

- ☐ The ratio of cups of juice to cups of water is 4 to 3.
- ☐ The ratio of cups of juice to cups of water is 3 to 7.
- ☐ The ratio of cups of juice to cups of water is 3 to 5.
- ☐ The ratio of cups of juice to cups of water is 3 to 4.

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

- ☐ For every 4 cats, there are 3 dogs.
- ☐ For every 3 cats, there are 4 dogs.
- ☐ For every 4 cats, there are 7 dogs.
- ☐ For every 5 cats, there are 3 dogs.

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

Red 

Blue 

- ☐ For every 2 blue marbles, there are 3 red marbles.
- ☐ For every 2 blue marbles, there are 4 red marbles.
- ☐ For every 2 blue marbles, there are 5 red marbles.
- ☐ For every 3 blue marbles, there are 2 red marbles.

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

Red 

Blue 

- ☐ The ratio of red marbles to blue marbles is 2 to 3.
- ☐ The ratio of red marbles to blue marbles is 3 to 5.
- ☐ The ratio of red marbles to blue marbles is 3 to 2.
- ☐ The ratio of red marbles to blue marbles is 4 to 2.

9

A class has 10 boys and 6 girls. Which sentence describes the ratio of girls to boys?

- ☐ The ratio of girls to boys is 3 to 8. ☐ The ratio of girls to boys is 3 to 7.
☐ The ratio of girls to boys is 3 to 5. ☐ The ratio of girls to boys is 5 to 3.
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10

A class has 10 boys and 4 girls. Which sentence describes the ratio of boys to girls?

- ☐ For every 8 boys, there are 2 girls. ☐ For every 5 boys, there are 2 girls.
☐ For every 5 boys, there are 7 girls. ☐ For every 2 boys, there are 5 girls.

Use ratio language to describe two quantities

1 For every 5 dogs, there are 3 cats.

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

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

7 For every 2 blue marbles, there are 3 red marbles.

9 The ratio of girls to boys is 3 to 5.

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

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

6 For every 4 cats, there are 3 dogs.

8 The ratio of red marbles to blue marbles is 3 to 2.

10 For every 5 boys, there are 2 girls.