Lesson 3.1 Understanding Ratios

Ratios can be written based on the number of objects in a set.

There are 2 bottles of soda and 5 bottles of water in the refrigerator. $\frac{2}{5}$
Write the ratio of sodas to waters.

Express each ratio as a fraction in simplest form.

	a	**b**

1. There are 2 cubes and 15 spheres in a geometry box. Write the ratio of spheres to cubes.

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There are 5 cars and 4 vans in a parking lot. Write the ratio of vans to cars.

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2. There are 5 horses and 15 elephants in a circus. Write the ratio of elephants to horses.

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There are 16 horses and 14 elephants in a circus. Write the ratio of horses to elephants.

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3. There are 11 blue marbles and 7 red marbles in a box. Write the ratio of red marbles to blue marbles.

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There are 12 apples and 15 oranges in a fruit basket. Write the ratio of apples to oranges.

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4. There are 5 blue marbles and 16 red marbles in a box. Write the ratio of blue marbles to red marbles.

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There are 12 dogs and 7 cats in a park. Write the ratio of cats to dogs.

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5. There are 14 cars and 7 vans in a parking lot. Write the ratio of cars to vans.

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There are 7 blue marbles and 8 red marbles in a bag. Write the ratio of red marbles to blue marbles.

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6. There are 6 pennies and 10 dimes in a jar. Write the ratio of pennies to dimes.

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There are 24 butterflies and 16 snails on the ground. Write the ratio of butterflies to snails.

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