29. How to write a ratio in its simplest form

Scenario Questions:

1. In a basket of fruits, the ratio of apples to oranges is 6:8. Simplify this ratio to its simplest form.

2. In a classroom, the ratio of students who prefer maths to students who prefer science is 28:12. Simplify this ratio to its simplest form.

3. In a recipe, the ratio of cups of flour to cups of sugar is 3:9. Simplify this ratio to its simplest form.

4. In a pack of 52 cards, the ratio of hearts to diamonds is 13:13. Simplify this ratio to its simplest form.

5. In a pet store, the ratio of dogs to cats to birds is 18:9:27. Simplify this ratio to its simplest form.

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Scenario Questions:

6. In a bag of marbles, the ratio of red marbles to blue marbles is 15:20. Simplify this ratio to its simplest form.

7. In a football team, the ratio of goals scored by forwards to goals scored by midfielders is 10:40. Simplify this ratio to its simplest form.

8. In a furniture store, the ratio of chairs to tables to sofas is 8:16:24. Simplify this ratio to its simplest form.

9. In a bakery, the ratio of chocolate chip cookies to oatmeal cookies is 35:21. Simplify this ratio to its simplest form.

10. In a bank, the ratio of dollars saved to dollars invested is 14:21. Simplify this ratio to its simplest form.

29. How to write a ratio in its simplest form

Scenario Questions: Answers

1. In a basket of fruits, the ratio of apples to oranges is 6:8. Simplify this ratio to its simplest form.

1. 3:4

2. In a classroom, the ratio of students who prefer maths to students who prefer science is 28:12. Simplify this ratio to its simplest form.

2. 7:3

3. In a recipe, the ratio of cups of flour to cups of sugar is 3:9. Simplify this ratio to its simplest form.

3. 1:3

4. In a pack of 52 cards, the ratio of hearts to diamonds is 13:13. Simplify this ratio to its simplest form.

4. 1:1

5. In a pet store, the ratio of dogs to cats to birds is 18:9:27. Simplify this ratio to its simplest form.

5. 2:1:3

6. In a bag of marbles, the ratio of red marbles to blue marbles is 15:20. Simplify this ratio to its simplest form.

6. 3:4

7. In a football team, the ratio of goals scored by forwards to goals scored by midfielders is 10:40. Simplify this ratio to its simplest form.

7. 1:4

8. In a furniture store, the ratio of chairs to tables to sofas is 8:16:24. Simplify this ratio to its simplest form.

8. 1:2:3

9. In a bakery, the ratio of chocolate chip cookies to oatmeal cookies is 35:21. Simplify this ratio to its simplest form.

9. 5:3

10. In a bank, the ratio of dollars saved to dollars invested is 14:21. Simplify this ratio to its simplest form.

10. 2:3