

19. How to write one number as a fraction of another



Scenario Questions: Simplify Answers

1. If Sarah ate 3 out of the 6 cookies, what fraction of the cookies did she eat?

2. In a bag of marbles, 4 out of 10 are red. What fraction of the marbles are red?

3. A recipe calls for 2 cups of flour, but you only have $\frac{1}{2}$ cup. What fraction of the required flour do you have?

4. Out of the 20 students in a class, 3 are absent. What fraction of the class is absent?

5. A pizza is divided into 8 equal slices. If you eat 3 slices, what fraction of the pizza did you eat?

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Scenario Questions: Simplify Answers

6. In a deck of cards, 13 of the 52 cards are hearts. What fraction of the deck are hearts?

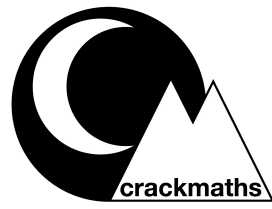
7. A jar contains 15 red marbles and 5 blue marbles. What fraction of the marbles are red?

8. Out of the 30 days in April, 10 of the days are weekends. What fraction of the days in April are weekends?

9. A rectangle has a length of 12 units and a width of 4 units. What fraction of the length is the width?

10. In a bag of 12 sweets, 7 are chocolate. What fraction of the sweets are chocolate?

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Scenario Questions: **Answers**

1. If Sarah ate 3 out of the 6 cookies, what fraction of the cookies did she eat?

1. $\frac{1}{2}$

2. In a bag of marbles, 4 out of 10 are red. What fraction of the marbles are red?

2. $\frac{2}{5}$

3. A recipe calls for 2 cups of flour, but you only have $\frac{1}{2}$ cup. What fraction of the required flour do you have?

3. $\frac{1}{4}$

4. Out of the 20 students in a class, 3 are absent. What fraction of the class is absent?

4. $\frac{3}{20}$

5. A pizza is divided into 8 equal slices. If you eat 3 slices, what fraction of the pizza did you eat?

5. $\frac{3}{8}$

6. In a deck of cards, 13 of the 52 cards are hearts. What fraction of the deck are hearts?

6. $\frac{1}{4}$

7. A jar contains 15 red marbles and 5 blue marbles. What fraction of the marbles are red?

7. $\frac{3}{4}$

8. Out of the 30 days in April, 10 of the days are weekends. What fraction of the days in April are weekends?

8. $\frac{1}{3}$

9. A rectangle has a length of 12 units and a width of 4 units. What fraction of the length is the width?

9. $\frac{1}{3}$

10. In a bag of 12 sweets, 7 are chocolate. What fraction of the sweets are chocolate?

10. $\frac{7}{12}$