

Represent the Fractions and Simplify Them

1. If a recipe calls for $\frac{3}{6}$ cup of flour, what is the simplified amount for half the recipe?

Ans: _____

2. Jane spent $\frac{4}{8}$ of her allowance. What fraction of her allowance remains when simplified?

Ans: _____

3. In a soccer team, $\frac{5}{15}$ players are injured. Simplify to find the fraction of healthy players.

Ans: _____

4. A baker used $\frac{6}{12}$ cups of sugar. Simplify to find the equivalent fraction for half the amount.

Ans: _____

5. A tank is filled with $\frac{9}{18}$ gallons of water. Simplify to find the fraction filled halfway.

Ans: _____

6. Mark scored $\frac{8}{16}$ in a test. Simplify to find the equivalent fraction for half marks.

Ans: _____

7. A gardener used $\frac{10}{20}$ bags of fertilizer. Simplify to find the fraction used for half the garden.

Ans: _____

8. Sarah solved $\frac{12}{24}$ math problems. Simplify to find the equivalent fraction for half the problems.

Ans: _____

9. A building is occupied by $\frac{7}{21}$ of its capacity. Simplify to find the fraction of vacant space.

Ans: _____

10. A marathon runner completed $\frac{3}{9}$ of the race. Simplify to find the fraction of the race left.

Ans: _____

11. Jack drank $\frac{5}{25}$ of a juice box. Simplify to find the fraction of juice remaining.

Ans: _____

12. A carpenter used $\frac{9}{27}$ feet of wood. Simplify to find the fraction used for one-third of the project.

Ans: _____

13. A school choir has $\frac{16}{32}$ members. Simplify to find the equivalent fraction for half the choir.

Ans: _____

14. A pizza was divided into $\frac{8}{16}$ slices. Simplify to find the equivalent fraction for half the pizza.

Ans: _____

15. Lisa ran $\frac{6}{18}$ miles. Simplify to find the fraction representing one-third of the distance.

Ans: _____

16. A team won $\frac{15}{45}$ games. Simplify to find the fraction representing one-third of their victories.

Ans: _____

17. A car traveled $\frac{20}{60}$ miles. Simplify to find the fraction representing one-third of the journey.

Ans: _____

18. A shop sold $\frac{8}{24}$ shirts. Simplify to find the equivalent fraction for one-third of the shirts sold.

Ans: _____

19. A charity collected $\frac{12}{36}$ blankets. Simplify to find the fraction representing one-third of the donations.

Ans: _____

20. Peter ate $\frac{7}{21}$ pieces of candy. Simplify to find the equivalent fraction for one-third of the candy.

Ans: _____