



Fractions in Real Life

Name: _____

Grade: 4

Date: _____

Use fractions to share, measure, compare, and solve everyday situations. Simplify answers where possible. Show work on scrap if needed.

Part 1 · Everyday Sharing SHARE

1. 1 pizza cut into 8 slices. You eat 3.
Fraction eaten = _____

2. A chocolate bar cut into 12 equal pieces. You share 5 pieces. Fraction shared = _____

3. You drank 2 cups of a 4-cup pitcher of juice. Fraction remaining = _____

4. 9 equal apple wedges; you ate 4.
Fraction eaten = _____
(simplify)

5. A pan of brownies is cut into 6 rows; 4 rows remain. Fraction left = _____

6. You colored 7 of 10 equal sections.
Fraction colored = _____

Part 2 · Models & Number Lines MODEL

7. Point at 0.5 on a 0-1 line = _____ (fraction)

8. Point at 0.25 = _____

9. Point at 0.75 = _____

10. A strip shaded 3 of 6 equal parts
= _____ (simplify)

11. 2 of 8 squares shaded = _____ (simplify)

12. 5 of 10 tallies marked = _____ (simplify)

Part 3 · Compare & Order COMPARE

13. Which is larger: $\frac{3}{4}$ or $\frac{5}{8}$?

14. Which is smaller: $\frac{2}{3}$ or $\frac{3}{5}$?

15. Order least $\rightarrow$ greatest: $\frac{1}{2}$, $\frac{2}{5}$, $\frac{3}{4}$ = _____ $<$ _____ $<$

16. Fill in $>$, $<$, or $=$: $\frac{4}{6}$ ____ $\frac{2}{3}$

17. Fill in $>$, $<$, or $=$: $\frac{5}{10}$ ____ $\frac{1}{2}$

18. Which is closer to 1: $\frac{7}{8}$ or $\frac{5}{6}$?

Part 4 · Equivalent & Simplify EQUIV

19. Equivalent to $\frac{1}{2}$: write with denominator 12 $\rightarrow$ _____/12

20. Equivalent to $\frac{3}{4}$: denominator 16 $\rightarrow$ _____/16

21. Simplify $\frac{4}{8} =$ _____

22. Simplify $\frac{6}{9} =$ _____

23. Simplify $\frac{9}{12} =$ _____

24. Which equals $\frac{2}{3}$: $\frac{8}{12}$ or $\frac{6}{10}$?

Part 5 · Fraction of Sets & Addition SETS

25. Fraction of 12 ribbons that 3 represent = _____

26. Fraction of 15 books that 5 represent = _____ (simplify)

27. $\frac{2}{8}$ of 24 marbles = _____ marbles

28. $\frac{3}{6}$ of 30 stickers = _____ stickers

29. $\frac{1}{4} + \frac{1}{4} =$ _____

30. $\frac{2}{5} + \frac{1}{5} =$ _____

Add fractions with like denominators by adding numerators only.

Part 6 · Word Problems & Reflection THINK

31. You ran $\frac{3}{5}$ of a mile and walked $\frac{1}{5}$. Total fraction of a mile covered = _____

32. A candy bag has 20 pieces; $\frac{1}{4}$ are red. How many red pieces? _____

33. A recipe uses $\frac{3}{4}$ cup milk and $\frac{1}{4}$ cup oil. Fraction of a cup total = _____

34. You finished $\frac{5}{8}$ of homework. What fraction is left? _____

35. You read $\frac{2}{6}$ of a book Monday and $\frac{3}{6}$ Tuesday. Fraction finished = _____ (simplify)

36. Reflection: Which fraction skill felt easiest today? _____

Reflection (#36) open—accept any sensible response.

Answer Key

1. $\frac{3}{8}$
2. $\frac{5}{12}$
3. $\frac{2}{4} = \frac{1}{2}$
4. $\frac{4}{9}$
5. $\frac{4}{6} = \frac{2}{3}$
6. $\frac{7}{10}$
7. $\frac{1}{2}$
8. $\frac{1}{4}$
9. $\frac{3}{4}$
10. $\frac{3}{6} = \frac{1}{2}$
11. $\frac{2}{8} = \frac{1}{4}$
12. $\frac{5}{10} = \frac{1}{2}$
13. $\frac{3}{4}$
14. $\frac{3}{5}$
15. $\frac{2}{5} < \frac{1}{2} < \frac{3}{4}$
16. =
17. =
18. $\frac{7}{8}$
19. 6
20. 12
21. $\frac{1}{2}$
22. $\frac{2}{3}$
23. $\frac{3}{4}$
24. $\frac{8}{12}$
25. $\frac{3}{12} = \frac{1}{4}$
26. $\frac{5}{15} = \frac{1}{3}$
27. $(\frac{2}{8}) \times 24 = 6$
28. $(\frac{3}{6}) \times 30 = 15$
29. $\frac{2}{4} = \frac{1}{2}$
30. $\frac{3}{5}$
31. $\frac{4}{5}$
32. $\frac{1}{4} \times 20 = 5$
33. 1 cup
34. $\frac{3}{8}$
35. $\frac{5}{6}$
36. Varies

Accept equivalent simplified forms (e.g., 2/4 or 1/2). #33: $3/4 + 1/4 = 1$ cup (fraction 1). #25 unsimplified 3/12 acceptable but 1/4 preferred.