

Grade 4 Fractions Challenge Worksheet Set 042

Grade 4 · Fractions · Challenge

Name: _____ Date: _____

Use equivalent fractions, comparison, like-denominator operations, and whole-number reasoning. Simplify when requested.

1. Complete the equivalent fraction: $8/12 = ?/60$.

Answer: _____

2. Complete the equivalent fraction: $1/2 = 4/?$.

Answer: _____

3. Compare $1/5$ and $5/12$. Write $<$ or $>$.

Answer: _____

4. What is $2/5$ of 60?

Answer: _____

5. Add and simplify: $2/3 + 1/3$.

Answer: _____

6. Subtract and simplify: $3/5 - 1/5$.

Answer: _____

7. Write $5 \frac{2}{3}$ as an improper fraction.

Answer: _____

8. Write $23/8$ as a mixed number.

Answer: _____

9. A trail crew finished $1/12$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $2/3 = ?/12$.

Answer: _____

11. Complete the equivalent fraction: $2/3 = 4/?$.

Answer: _____

12. Compare $\frac{1}{2}$ and $\frac{1}{3}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{3}{4}$ of 24?

Answer: _____

14. Add and simplify: $\frac{1}{2} + \frac{1}{2}$.

Answer: _____

15. Subtract and simplify: $\frac{7}{8} - \frac{2}{8}$.

Answer: _____

16. Write $1\frac{1}{2}$ as an improper fraction.

Answer: _____

17. Write $\frac{53}{10}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{3}{8}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{3}{4} = \frac{?}{16}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{1}{6} = \frac{4}{?}$.

Answer: _____

21. Compare $\frac{3}{5}$ and $\frac{7}{12}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{6}{8}$ of 88?

Answer: _____

23. Add and simplify: $\frac{1}{8} + \frac{1}{8}$.

Answer: _____

24. Subtract and simplify: $\frac{3}{4} - \frac{2}{4}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 40	2. 8
3. <	4. 24
5. $\frac{1}{1}$	6. $\frac{2}{5}$
7. $\frac{17}{3}$	8. $2\frac{7}{8}$
9. $\frac{11}{12}$	10. 8
11. 6	12. >
13. 18	14. $\frac{1}{1}$
15. $\frac{5}{8}$	16. $\frac{3}{2}$
17. $5\frac{3}{10}$	18. $\frac{5}{8}$
19. 12	20. 24
21. >	22. 66
23. $\frac{1}{4}$	24. $\frac{1}{4}$