

Grade 4 Fractions Challenge Worksheet Set 036

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: $\frac{5}{8} = \frac{?}{40}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{1}{12} = \frac{4}{?}$.

Answer: _____

3. Compare $\frac{3}{8}$ and $\frac{1}{3}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{2}{4}$ of 48?

Answer: _____

5. Add and simplify: $\frac{1}{4} + \frac{1}{4}$.

Answer: _____

6. Subtract and simplify: $\frac{3}{5} - \frac{1}{5}$.

Answer: _____

7. Write 4 $\frac{4}{6}$ as an improper fraction.

Answer: _____

8. Write $\frac{7}{4}$ as a mixed number.

Answer: _____

9. A trail crew finished $\frac{1}{5}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{2}{8} = \frac{?}{24}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{1}{10} = \frac{3}{?}$.

Answer: _____

12. Compare $\frac{3}{5}$ and $\frac{2}{12}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{5}{6}$ of 48?

Answer: _____

14. Add and simplify: $\frac{2}{5} + \frac{2}{5}$.

Answer: _____

15. Subtract and simplify: $\frac{2}{5} - \frac{1}{5}$.

Answer: _____

16. Write $3\frac{7}{10}$ as an improper fraction.

Answer: _____

17. Write $\frac{34}{12}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{4}{6}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{1}{2} = \frac{?}{4}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{5}{6} = \frac{15}{?}$.

Answer: _____

21. Compare $\frac{2}{6}$ and $\frac{2}{3}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{1}{2}$ of 4?

Answer: _____

23. Add and simplify: $\frac{2}{6} + \frac{1}{6}$.

Answer: _____

24. Subtract and simplify: $\frac{4}{6} - \frac{3}{6}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 25	2. 48
3. >	4. 24
5. $\frac{1}{2}$	6. $\frac{2}{5}$
7. $\frac{28}{6}$	8. $1\frac{3}{4}$
9. $\frac{4}{5}$	10. 6
11. 30	12. >
13. 40	14. $\frac{4}{5}$
15. $\frac{1}{5}$	16. $\frac{37}{10}$
17. $2\frac{10}{12}$	18. $\frac{1}{3}$
19. 2	20. 18
21. <	22. 2
23. $\frac{1}{2}$	24. $\frac{1}{6}$