

Grade 4 Fractions Challenge Worksheet Set 048

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: $\frac{3}{8} = \frac{?}{40}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{1}{5} = \frac{2}{?}$.

Answer: _____

3. Compare $\frac{4}{6}$ and $\frac{5}{8}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{1}{3}$ of 9?

Answer: _____

5. Add and simplify: $\frac{8}{12} + \frac{1}{12}$.

Answer: _____

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

Answer: _____

7. Write $2\frac{4}{10}$ as an improper fraction.

Answer: _____

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

Answer: _____

9. A trail crew finished $\frac{1}{2}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{1}{2} = \frac{?}{6}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{3}{6} = \frac{6}{?}$.

Answer: _____

12. Compare $\frac{1}{3}$ and $\frac{5}{6}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{1}{3}$ of 21?

Answer: _____

14. Add and simplify: $\frac{5}{6} + \frac{1}{6}$.

Answer: _____

15. Subtract and simplify: $\frac{2}{4} - \frac{1}{4}$.

Answer: _____

16. Write $5\frac{3}{4}$ as an improper fraction.

Answer: _____

17. Write $\frac{5}{2}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{2}{4}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{1}{2} = \frac{?}{8}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{2}{3} = \frac{4}{?}$.

Answer: _____

21. Compare $\frac{1}{3}$ and $\frac{1}{4}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{3}{5}$ of 15?

Answer: _____

23. Add and simplify: $\frac{8}{10} + \frac{1}{10}$.

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

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