

Grade 4 Fractions Challenge Worksheet Set 039

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: $\frac{3}{4} = \frac{?}{12}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{3}{4} = \frac{15}{?}$.

Answer: _____

3. Compare $\frac{2}{6}$ and $\frac{3}{5}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{1}{5}$ of 30?

Answer: _____

5. Add and simplify: $\frac{1}{3} + \frac{2}{3}$.

Answer: _____

6. Subtract and simplify: $\frac{8}{12} - \frac{4}{12}$.

Answer: _____

7. Write $3\frac{1}{4}$ as an improper fraction.

Answer: _____

8. Write $\frac{3}{2}$ as a mixed number.

Answer: _____

9. A trail crew finished $\frac{1}{12}$ of a route. What fraction of the route remains?

Answer: _____

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

Answer: _____

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

Answer: _____

12. Compare $\frac{9}{12}$ and $\frac{3}{5}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{2}{5}$ of 40?

Answer: _____

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

Answer: _____

15. Subtract and simplify: $\frac{4}{10} - \frac{2}{10}$.

Answer: _____

16. Write $3\frac{10}{12}$ as an improper fraction.

Answer: _____

17. Write $\frac{31}{6}$ as a mixed number.

Answer: _____

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

Answer: _____

19. Complete the equivalent fraction: $\frac{2}{5} = \frac{?}{25}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{11}{12} = \frac{44}{?}$.

Answer: _____

21. Compare $\frac{1}{3}$ and $\frac{8}{10}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{4}{10}$ of 100?

Answer: _____

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

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 9	2. 20
3. <	4. 6
5. $\frac{1}{1}$	6. $\frac{1}{3}$
7. $\frac{13}{4}$	8. $1\frac{1}{2}$
9. $\frac{11}{12}$	10. 3
11. 25	12. >
13. 16	14. $\frac{9}{10}$
15. $\frac{1}{5}$	16. $\frac{46}{12}$
17. $5\frac{1}{6}$	18. $\frac{1}{2}$
19. 10	20. 48
21. <	22. 40
23. $\frac{1}{1}$	24. $\frac{1}{4}$