

Grade 4 Fractions Challenge Worksheet Set 021

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: $1/6 = ?/12$.

Answer: _____

2. Complete the equivalent fraction: $1/8 = 3/?$.

Answer: _____

3. Compare $5/8$ and $4/6$. Write $<$ or $>$.

Answer: _____

4. What is $6/12$ of 132?

Answer: _____

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

Answer: _____

6. Subtract and simplify: $2/8 - 1/8$.

Answer: _____

7. Write $3 \frac{1}{2}$ as an improper fraction.

Answer: _____

8. Write $47/12$ as a mixed number.

Answer: _____

9. A trail crew finished $9/10$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $5/6 = ?/30$.

Answer: _____

11. Complete the equivalent fraction: $3/5 = 12/?$.

Answer: _____

12. Compare $\frac{1}{5}$ and $\frac{3}{10}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{9}{10}$ of 100?

Answer: _____

14. Add and simplify: $\frac{2}{4} + \frac{2}{4}$.

Answer: _____

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

Answer: _____

16. Write $1\frac{7}{8}$ as an improper fraction.

Answer: _____

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

Answer: _____

18. A trail crew finished $\frac{4}{10}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{1}{10} = \frac{?}{30}$.

Answer: _____

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

Answer: _____

21. Compare $\frac{4}{5}$ and $\frac{2}{3}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{7}{8}$ of 40?

Answer: _____

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

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 2	2. 24
3. <	4. 66
5. $\frac{1}{1}$	6. $\frac{1}{8}$
7. $\frac{7}{2}$	8. $3\frac{11}{12}$
9. $\frac{1}{10}$	10. 25
11. 20	12. <
13. 90	14. $\frac{1}{1}$
15. $\frac{2}{3}$	16. $\frac{15}{8}$
17. $1\frac{1}{2}$	18. $\frac{3}{5}$
19. 3	20. 16
21. >	22. 35
23. $\frac{4}{5}$	24. $\frac{1}{4}$