

Grade 4 Fractions Challenge Worksheet Set 027

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: $\frac{5}{8} = \frac{?}{32}$.

Answer: _____

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

Answer: _____

3. Compare $\frac{1}{2}$ and $\frac{1}{4}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{2}{5}$ of 50?

Answer: _____

5. Add and simplify: $\frac{2}{12} + \frac{7}{12}$.

Answer: _____

6. Subtract and simplify: $\frac{7}{12} - \frac{5}{12}$.

Answer: _____

7. Write $3\frac{6}{10}$ as an improper fraction.

Answer: _____

8. Write $\frac{26}{12}$ as a mixed number.

Answer: _____

9. A trail crew finished $\frac{2}{6}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{1}{6} = \frac{?}{24}$.

Answer: _____

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

Answer: _____

12. Compare $\frac{7}{12}$ and $\frac{7}{8}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{2}{3}$ of 27?

Answer: _____

14. Add and simplify: $\frac{3}{10} + \frac{1}{10}$.

Answer: _____

15. Subtract and simplify: $\frac{4}{12} - \frac{3}{12}$.

Answer: _____

16. Write $2\frac{4}{5}$ as an improper fraction.

Answer: _____

17. Write $\frac{8}{5}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{7}{10}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{1}{6} = \frac{?}{18}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{5}{8} = \frac{25}{?}$.

Answer: _____

21. Compare $\frac{9}{12}$ and $\frac{1}{8}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{2}{10}$ of 70?

Answer: _____

23. Add and simplify: $\frac{10}{12} + \frac{2}{12}$.

Answer: _____

24. Subtract and simplify: $\frac{7}{12} - \frac{2}{12}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 20	2. 24
3. >	4. 20
5. $\frac{3}{4}$	6. $\frac{1}{6}$
7. $\frac{36}{10}$	8. $2\frac{2}{12}$
9. $\frac{2}{3}$	10. 4
11. 8	12. <
13. 18	14. $\frac{2}{5}$
15. $\frac{1}{12}$	16. $\frac{14}{5}$
17. $1\frac{3}{5}$	18. $\frac{3}{10}$
19. 3	20. 40
21. >	22. 14
23. $\frac{1}{1}$	24. $\frac{5}{12}$