

Grade 4 Fractions Challenge Worksheet Set 015

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: $\frac{7}{8} = \frac{?}{40}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{2}{3} = \frac{10}{?}$.

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

6. Subtract and simplify: $\frac{3}{4} - \frac{1}{4}$.

Answer: _____

7. Write $4\frac{1}{2}$ as an improper fraction.

Answer: _____

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

Answer: _____

9. A trail crew finished $\frac{4}{8}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{5}{8} = \frac{?}{16}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{6}{8} = \frac{24}{?}$.

Answer: _____

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

Answer: _____

13. What is $\frac{1}{4}$ of 32?

Answer: _____

14. Add and simplify: $\frac{8}{12} + \frac{2}{12}$.

Answer: _____

15. Subtract and simplify: $\frac{2}{10} - \frac{1}{10}$.

Answer: _____

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

Answer: _____

17. Write $\frac{5}{2}$ 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: $\frac{1}{6} = \frac{?}{18}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{6}{8} = \frac{18}{?}$.

Answer: _____

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

Answer: _____

22. What is $\frac{2}{3}$ of 24?

Answer: _____

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

Answer: _____

24. Subtract and simplify: $\frac{4}{5} - \frac{1}{5}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 35	2. 15
3. >	4. 24
5. $\frac{9}{10}$	6. $\frac{1}{2}$
7. $\frac{9}{2}$	8. $2\frac{2}{3}$
9. $\frac{1}{2}$	10. 10
11. 32	12. >
13. 8	14. $\frac{5}{6}$
15. $\frac{1}{10}$	16. $\frac{3}{2}$
17. $2\frac{1}{2}$	18. $\frac{1}{3}$
19. 3	20. 24
21. >	22. 16
23. $\frac{1}{1}$	24. $\frac{3}{5}$