

Grade 4 Fractions Challenge Worksheet Set 012

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: $\frac{3}{4} = \frac{?}{20}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{10}{12} = \frac{30}{?}$.

Answer: _____

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

Answer: _____

4. What is $\frac{1}{6}$ of 48?

Answer: _____

5. Add and simplify: $\frac{1}{10} + \frac{2}{10}$.

Answer: _____

6. Subtract and simplify: $\frac{2}{3} - \frac{1}{3}$.

Answer: _____

7. Write $6\frac{2}{5}$ as an improper fraction.

Answer: _____

8. Write $\frac{33}{8}$ as a mixed number.

Answer: _____

9. A trail crew finished $\frac{7}{12}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{2}{4} = \frac{?}{8}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{2}{12} = \frac{10}{?}$.

Answer: _____

12. Compare $\frac{2}{3}$ and $\frac{3}{10}$. Write $<$ or $>$.

Answer: _____

13. What is $\frac{3}{4}$ of 12?

Answer: _____

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

Answer: _____

15. Subtract and simplify: $\frac{5}{10} - \frac{1}{10}$.

Answer: _____

16. Write $6\frac{1}{5}$ as an improper fraction.

Answer: _____

17. Write $\frac{7}{2}$ as a mixed number.

Answer: _____

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

Answer: _____

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

Answer: _____

20. Complete the equivalent fraction: $\frac{1}{2} = \frac{3}{?}$.

Answer: _____

21. Compare $\frac{4}{6}$ and $\frac{9}{10}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{1}{3}$ of 24?

Answer: _____

23. Add and simplify: $\frac{2}{4} + \frac{1}{4}$.

Answer: _____

24. Subtract and simplify: $\frac{4}{12} - \frac{1}{12}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 15	2. 36
3. <	4. 8
5. $\frac{3}{10}$	6. $\frac{1}{3}$
7. $\frac{32}{5}$	8. $4\frac{1}{8}$
9. $\frac{5}{12}$	10. 4
11. 60	12. >
13. 9	14. $\frac{3}{5}$
15. $\frac{2}{5}$	16. $\frac{31}{5}$
17. $3\frac{1}{2}$	18. $\frac{2}{3}$
19. 4	20. 6
21. <	22. 8
23. $\frac{3}{4}$	24. $\frac{1}{4}$