

Grade 4 Fractions Challenge Worksheet Set 018

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: $\frac{4}{5} = \frac{?}{10}$.

Answer: _____

2. Complete the equivalent fraction: $\frac{5}{6} = \frac{20}{?}$.

Answer: _____

3. Compare $\frac{1}{3}$ and $\frac{4}{6}$. Write $<$ or $>$.

Answer: _____

4. What is $\frac{1}{5}$ of 45?

Answer: _____

5. Add and simplify: $\frac{4}{12} + \frac{5}{12}$.

Answer: _____

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

Answer: _____

7. Write $2\frac{7}{12}$ as an improper fraction.

Answer: _____

8. Write $\frac{14}{5}$ as a mixed number.

Answer: _____

9. A trail crew finished $\frac{1}{6}$ of a route. What fraction of the route remains?

Answer: _____

10. Complete the equivalent fraction: $\frac{11}{12} = \frac{?}{24}$.

Answer: _____

11. Complete the equivalent fraction: $\frac{9}{10} = \frac{36}{?}$.

Answer: _____

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

Answer: _____

13. What is $\frac{1}{2}$ of 12?

Answer: _____

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

Answer: _____

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

Answer: _____

16. Write $3\frac{2}{4}$ as an improper fraction.

Answer: _____

17. Write $\frac{23}{4}$ as a mixed number.

Answer: _____

18. A trail crew finished $\frac{1}{3}$ of a route. What fraction of the route remains?

Answer: _____

19. Complete the equivalent fraction: $\frac{3}{6} = \frac{?}{12}$.

Answer: _____

20. Complete the equivalent fraction: $\frac{4}{5} = \frac{8}{?}$.

Answer: _____

21. Compare $\frac{8}{10}$ and $\frac{3}{6}$. Write $<$ or $>$.

Answer: _____

22. What is $\frac{8}{12}$ of 60?

Answer: _____

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

Answer: _____

24. Subtract and simplify: $\frac{6}{8} - \frac{5}{8}$.

Answer: _____

Answer Key

Answers for all 24 questions

1. 8	2. 24
3. <	4. 9
5. $\frac{3}{4}$	6. $\frac{1}{6}$
7. $\frac{31}{12}$	8. $2\frac{4}{5}$
9. $\frac{5}{6}$	10. 22
11. 40	12. <
13. 6	14. $\frac{1}{1}$
15. $\frac{1}{3}$	16. $\frac{14}{4}$
17. $5\frac{3}{4}$	18. $\frac{2}{3}$
19. 6	20. 10
21. >	22. 40
23. $\frac{1}{3}$	24. $\frac{1}{8}$