

Fractions Quiz - 30 Questions

Name: _____ Date: _____ Score: _____ / 30

Directions: Show your work. Simplify all fractions when appropriate.

A. Fractions to Decimals

1. $\frac{3}{4}$

2. $\frac{5}{8}$

3. $\frac{7}{20}$

B. Decimals to Fractions

4. 0.6

5. 0.125

6. 0.45

C. Reduce to Simplest Form

7. $\frac{18}{24}$

8. $\frac{21}{35}$

9. $\frac{36}{48}$

10. $\frac{42}{63}$

D. Improper to Mixed

11. $\frac{13}{4}$

12. $\frac{22}{5}$

13. $\frac{31}{6}$

14. $\frac{43}{8}$

15. $\frac{50}{9}$

16. $\frac{65}{12}$

17. $\frac{79}{10}$

Fractions Quiz - Continued

E. Mixed to Improper

18. $2\frac{2}{3}$

19. $3\frac{4}{5}$

20. $4\frac{5}{6}$

21. $5\frac{3}{8}$

22. $6\frac{5}{12}$

23. $7\frac{2}{9}$

24. $8\frac{7}{10}$

F. Equivalent Fractions

25. $\frac{2}{3} = \frac{\quad}{15}$

26. $\frac{4}{7} = \frac{20}{\quad}$

27. $\frac{5}{8} = \frac{\quad}{40}$

28. $\frac{3}{11} = \frac{21}{\quad}$

29. $\frac{\quad}{36} = \frac{7}{9}$

30. $\frac{18}{\quad} = \frac{3}{5}$

Teacher Answer Key

A. Fractions to Decimals

1. 0.75

2. 0.625

3. 0.35

B. Decimals to Fractions

4. $\frac{3}{5}$

5. $\frac{1}{8}$

6. $\frac{9}{20}$

C. Reduce to Simplest Form

7. $\frac{3}{4}$

8. $\frac{3}{5}$

9. $\frac{3}{4}$

10. $\frac{2}{3}$

D. Improper to Mixed

11. $3\frac{1}{4}$

12. $4\frac{2}{5}$

13. $5\frac{1}{6}$

14. $5\frac{3}{8}$

15. $5\frac{5}{9}$

16. $5\frac{5}{12}$

17. $7\frac{9}{10}$

E. Mixed to Improper

18. $\frac{8}{3}$

19. $\frac{19}{5}$

20. $\frac{29}{6}$

21. $\frac{43}{8}$

22. $\frac{77}{12}$

23. $\frac{65}{9}$

24. $\frac{87}{10}$

F. Equivalent Fractions

25. 10

26. 35

27. 25

28. 77

29. 28

30. 30