

September Mathematics Review Test

A. Complete the following equivalent fractions.

1. $\frac{3}{5} = \frac{9}{\quad}$

2. $\frac{\quad}{5} = \frac{15}{25}$

B. Take the following fractions down to their lowest terms.

3. $\frac{16}{30} = \frac{\quad}{\quad}$

4. $\frac{8}{24} = \frac{\quad}{\quad}$

C. Complete the following:

5. $\frac{5}{9} + \frac{2}{9} = \frac{\quad}{\quad}$

6. $\frac{1}{5} + \frac{2}{3} = \frac{\quad}{\quad}$

7. $\frac{7}{8} - \frac{2}{8} = \frac{\quad}{\quad}$

8. $\frac{3}{4} - \frac{1}{3} = \frac{\quad}{\quad}$

9. $2\frac{6}{7} \times 3\frac{1}{3} = \frac{\quad}{\quad}$

10. $4\frac{2}{4} \div 1\frac{5}{6} = \frac{\quad}{\quad}$

D. Complete the following:

11. $32 \overline{) 3584}$

Answer = _____

12. $27 \overline{) 2999}$

Answer = _____

13. $\begin{array}{r} 428 \\ \times 35 \\ \hline \end{array}$

14. $\begin{array}{r} 507 \\ \times 49 \\ \hline \end{array}$

15. $\begin{array}{r} 2790 \\ 358 \\ 207 \\ + 82 \\ \hline \end{array}$

16. $\begin{array}{r} 9081 \\ - 786 \\ \hline \end{array}$

E. Write the place value of the underlined digits.

17. 37.890 - _____

18. 2692.6 - _____

19. 3.0527 - _____

F. Change the following fractions to decimals.

20. $\frac{2}{5} =$ _____

21. $\frac{6}{100} =$ _____

22. $\frac{21}{1000} =$ _____

23. $\frac{3}{7} =$ _____

G. Change the following decimals to fractions.

24. 3.9 = _____

25. 0.71 = _____

26. 0.002 = _____

27. 6.04 = _____

H. Complete the following:

28.
$$\begin{array}{r} 48.30 \\ 50.04 \\ +29.96 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 8.057 \\ 14.729 \\ +79.638 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 290.47 \\ - 38.98 \\ \hline \end{array}$$

$$\begin{array}{r} 31. \quad 391.00 \\ - 257.52 \\ \hline \end{array}$$

I. Complete the following:

$$32. \quad 28.92 \times 100 = \underline{\hspace{2cm}}$$

$$33. \quad 7.2 \times 10 = \underline{\hspace{2cm}}$$

$$34. \quad 0.67 \times 1000 = \underline{\hspace{2cm}}$$

$$35. \quad 1.16 \times 10 = \underline{\hspace{2cm}}$$

$$36. \quad 6.5 \times 100 = \underline{\hspace{2cm}}$$

$$37. \quad 39.1 \times 1000 = \underline{\hspace{2cm}}$$

J. Complete the following:

$$\begin{array}{r} 38. \quad 14.07 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 39. \quad 592.1 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 40. \quad 1.368 \\ \times 1.7 \\ \hline \end{array}$$

$$\begin{array}{r} 41. \quad 0.721 \\ \times 2.5 \\ \hline \end{array}$$