

Fraction Review

1. Multiply: $\frac{2}{9} \times 3\frac{7}{10}$

2. Multiply: $6\frac{1}{5} \times 2\frac{3}{4}$

3. Divide: $6\frac{4}{5} \div 2$

4. Add: $9\frac{1}{4} + 2\frac{1}{2}$

5. Subtract: $6\frac{1}{3} - 2\frac{1}{12}$

6. Multiply: $5\frac{2}{3} \cdot 2\frac{1}{3}$

7. Divide: $4\frac{1}{5} \div 3\frac{1}{2}$

8. Find $\frac{5}{6}$ of $5\frac{1}{2}$. Express your answer as a mixed number.

9. An automobile gas tank holds $20\frac{1}{5}$ gallons. The gauge indicates that the tank is $\frac{3}{4}$ full.
How many gallons are in the tank?

10. Add: $7\frac{5}{12} + 3\frac{5}{8}$

11. Subtract: $4\frac{5}{8} - 3\frac{1}{4}$

12. Simplify: $16 \div \left(\frac{4}{7}\right)^2 + 49 \div \left(\frac{7}{8}\right)^2$

13. What is the quotient of $\frac{3}{7}$ and $\frac{5}{7}$?

14. The least common denominator (LCD) for a set of denominators is the smallest number that is exactly divisible by each denominator. (True, False or Depends on the set)

15. Divide: $6 \div \left(\frac{3}{4} \div 2\right)$

16. Add: $9\frac{11}{12} + 9\frac{5}{12}$

17. Subtract: $5\frac{1}{3} - 2\frac{1}{24}$

18. Divide: $4\frac{2}{3} \div 8\frac{1}{3}$

19. What is the quotient of $\frac{5}{8}$ and $\frac{8}{5}$?

20. Add: $6\frac{1}{3} + 4\frac{1}{5}$

21. Subtract: $7\frac{9}{10} - 4\frac{1}{8}$

22. Subtract: $12\frac{1}{3} - 8\frac{3}{4}$

23. Subtract: $8\frac{1}{5} - 3\frac{5}{8}$

24. Add: $9\frac{4}{9} + 7\frac{5}{6}$

25. Divide: $5\frac{1}{4} \div 3$

ANSWERS

1. $\frac{37}{45}$

2. $17\frac{1}{20}$

3. $3\frac{2}{5}$

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

5. $4\frac{1}{4}$

6. $13\frac{2}{9}$

7. $1\frac{1}{5}$

8. $4\frac{7}{12}$

9. $15\frac{3}{20}$ gal

10. $11\frac{1}{24}$

11. $1\frac{3}{8}$

12. 113

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

14. True

15. 16

16. $19\frac{1}{3}$

17. $3\frac{7}{24}$

18. $\frac{14}{25}$

19. $\frac{25}{64}$

20. $10\frac{8}{15}$

21. $3\frac{31}{40}$

22. $3\frac{7}{12}$

23. $4\frac{23}{40}$

24. $17\frac{5}{18}$

25. $1\frac{3}{4}$