

Adding, Subtracting, Multiplying Fractions Review

Solve these problems on another piece of paper by making boxes. Please write out the problem and show your work. You do not need to rewrite out the word problems. Remember for the word problems, put you answer in a complete sentence.

Evaluate the expression. Write answer in simplest form.

1. $\frac{4}{7} - \frac{1}{4}$ 2. $8\frac{5}{12} - 2\frac{2}{9}$ 3. $\frac{2}{3} + \frac{6}{7}$ 4. $5\frac{2}{7} + 6\frac{2}{3}$

5. Sam rode his bike $\frac{2}{5}$ of a mile and walked another $\frac{3}{4}$ of a mile. How far did he travel?

Evaluate the expression. Write answer in simplest form.

6. $\frac{3}{5} \cdot \frac{10}{11}$ 7. $\frac{5}{4} \cdot 13$ 8. $\frac{15}{16} \cdot \frac{8}{10}$ 9. $\frac{16}{17} \cdot \frac{23}{24}$ 10. $5\frac{5}{7} \cdot \frac{14}{15}$

11. $\frac{7}{8} \cdot 3\frac{1}{4}$ 12. $7\frac{1}{7} \cdot 8\frac{2}{5}$ 13. $3\frac{3}{8} \cdot 2\frac{2}{9}$ 14. $7\frac{9}{10} \cdot 1\frac{1}{4}$ 15. $18 \cdot 1\frac{3}{7} \cdot \frac{4}{15}$

16. $\frac{4}{5} \cdot \frac{15}{8} \cdot \frac{3}{7}$ 17. $4\frac{4}{9} \cdot 5\frac{1}{4} \cdot 1\frac{6}{7}$ 18. $\left(\frac{4}{7}\right)^2 \cdot \frac{21}{36}$

19. A rectangular pool is $30\frac{1}{3}$ feet long and $12\frac{1}{2}$ feet wide. What is the area of the pool? (Write answer as a mixed number.)

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