

Homework**Solve.**

1. $\frac{3}{4} \cdot \frac{1}{8}$

2. $\frac{2}{3} - \frac{1}{9}$

3. $\frac{1}{10} + \frac{1}{5}$

4. $\frac{2}{7} \cdot 12$

5. $\frac{1}{5} + \frac{2}{3}$

6. $\frac{1}{4} + \frac{3}{8}$

7. $\frac{5}{7} \cdot \frac{5}{6}$

8. $\frac{11}{12} + 3$

9. $\frac{4}{9} - \frac{2}{9}$

10. $\frac{1}{3} \cdot \frac{1}{8}$

11. $\frac{7}{8} \cdot \frac{3}{4}$

12. $10 - \frac{1}{9}$

Solve.*Show your work.*

13. Rodrigo's fish bowl holds $\frac{7}{8}$ gallon of water. It is now $\frac{1}{2}$ full. How much water is in it?
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14. Kenya jumped $7\frac{1}{6}$ feet. Janet jumped $6\frac{1}{3}$ feet. How much farther did Kenya jump?
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15. A group of hikers walked $8\frac{7}{10}$ miles to Caribou Cave and then $5\frac{1}{5}$ miles to Silver Stream. How far did they walk altogether?
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16. A recipe calls for $\frac{3}{4}$ cup of flour. Estevan wants to make $\frac{1}{3}$ of the recipe. How much flour will he need?
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17. A truck was carrying $2\frac{1}{8}$ tons of sand. When it arrived, only $1\frac{1}{2}$ tons of sand were left. How much sand was lost along the way?
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Remembering

Subtract.

1. $\frac{3}{4} - \frac{1}{6}$

2. $\frac{2}{9} - \frac{1}{10}$

3. $\frac{7}{8} - \frac{1}{4}$

4. $\frac{6}{7} - \frac{1}{3}$

5. $\frac{4}{5} - \frac{2}{3}$

6. $\frac{1}{2} - \frac{1}{8}$

Estimate each sum or difference.

7. $6.759 + 2.099$ _____

8. $\$44.25 - \21.76 _____

9. $14.6 + 2.4$ _____

Find each product by first rewriting each mixed number as a fraction.

10. $\frac{5}{8} \cdot 3\frac{1}{3} =$ _____

11. $4\frac{3}{5} \cdot 5 =$ _____

12. $1\frac{2}{5} \cdot 3\frac{4}{9} =$ _____

13. $6\frac{1}{5} \cdot \frac{5}{8} =$ _____

14. **Stretch Your Thinking** Give an example that shows how to use the Distributive Property to multiply a number by a sum. All of the numbers you use should be mixed numbers or fractions.
