

Homework

Add or subtract.

$$\begin{array}{r} 1. \quad 7\frac{1}{2} \\ + 6\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 2\frac{3}{5} \\ + 5\frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5\frac{3}{8} \\ + 2\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 3\frac{4}{15} \\ - 1\frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 9\frac{5}{6} \\ - 4\frac{1}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 1\frac{1}{9} \\ + 3\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 8\frac{1}{6} \\ - 2\frac{7}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 6\frac{7}{9} \\ - 4\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 3\frac{9}{14} \\ - 1\frac{2}{7} \\ \hline \end{array}$$

Solve.

Show your work.

10. Last year my elm tree was $8\frac{5}{6}$ feet tall. This year it is $10\frac{1}{12}$ feet tall. How much did it grow in one year?
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11. Luis rode his bicycle $2\frac{3}{10}$ miles before lunch. He rode $1\frac{1}{4}$ miles after lunch. How far did Luis ride altogether?
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12. Carrie spent $2\frac{1}{2}$ hours trimming bushes and $1\frac{1}{4}$ hours weeding the garden. She is supposed to work in the yard for 5 hours. How much longer does she need to work?
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Remembering

Add or subtract. Try to do these in your head.

1. $3\frac{1}{4} + 2\frac{3}{4} =$ _____

2. $2\frac{3}{4} - \frac{1}{4} =$ _____

3. $3\frac{2}{5} + 4\frac{4}{5} =$ _____

4. $6\frac{6}{7} - 5\frac{2}{7} =$ _____

5. $8\frac{2}{3} + 1\frac{2}{3} =$ _____

6. $5\frac{6}{7} - 1\frac{2}{7} =$ _____

7. $3\frac{3}{5} + 3\frac{3}{5} =$ _____

8. $7\frac{7}{8} - 3\frac{3}{8} =$ _____

9. $5\frac{3}{8} + 3\frac{5}{8} =$ _____

Write the fractions in order from least to greatest.

10. $\frac{1}{9}, \frac{1}{3}, \frac{1}{6}, \frac{1}{2}$ _____

11. $\frac{4}{9}, \frac{2}{9}, \frac{8}{9}, \frac{1}{9}$ _____

12. $\frac{2}{3}, \frac{3}{5}, \frac{1}{2}, \frac{3}{4}$ _____

13. $\frac{11}{15}, \frac{3}{5}, \frac{2}{3}, \frac{19}{30}$ _____

List three fractions equivalent to the given fraction.

14. $\frac{1}{5}$ _____

15. $\frac{15}{18}$ _____

16. $\frac{4}{7}$ _____

17. $\frac{9}{12}$ _____

Solve.

Show your work.

18. Ted is making a bread recipe that uses $3\frac{1}{4}$ cups of flour and a muffin recipe that uses $2\frac{3}{4}$ cups of flour.

a. How much more flour is in the bread than in the muffins?

b. How much flour does Ted need for both recipes?

19. **Stretch Your Thinking** Find the values of x and y in the drawing at the right.

$x =$ _____ inches

$y =$ _____ inches

