

**Homework**

Use what you know about the Commutative Property to solve for  $n$ .

1.  $26,184 + 1,546 = 1,546 + n$

$n = \underline{\hspace{2cm}}$

2.  $17.39 + 12.58 = 12.58 + n$

$n = \underline{\hspace{2cm}}$

Regroup the numbers using the Associative Property. Then add.

3.  $(\frac{7}{10} + \frac{3}{4}) + \frac{1}{4} =$

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4.  $1.02 + (0.98 + 4.87) =$

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5.  $2\frac{5}{8} + (\frac{3}{8} + \frac{2}{3}) =$

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Use the Distributive Property to rewrite the problem so it has only two factors. Then solve.

6.  $(25 \times 9) + (75 \times 9) =$

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Group the numbers to make the addition easier. Then add.

$$\begin{array}{r} 7. \quad 20,000 \\ \quad 70,000 \\ \quad 30,000 \\ \quad 68,000 \\ + \quad 80,000 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 10.75 \\ \quad 10.4 \\ \quad 10.25 \\ \quad 10.57 \\ + \quad 10.6 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 1.600 \\ \quad 1.200 \\ \quad 1.200 \\ + \quad 1.479 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 1\frac{7}{11} \\ \quad 5\frac{5}{6} \\ \quad \frac{3}{11} \\ \quad 2\frac{1}{6} \\ + \quad \frac{1}{11} \\ \hline \end{array}$$

11. On Monday, Mr. Borden ran 4.6 miles in the morning and 0.78 miles that afternoon. On Tuesday, he ran 3.4 miles. How much did he run on Monday and Tuesday all together. Write an equation and solve.

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**Remembering****Solve.***Show your work.*

1. Trent is making a week's worth of after-school snacks for himself and his sister. He uses  $1\frac{1}{5}$  cups of mixed nuts and  $2\frac{3}{4}$  cups of granola. How many cups did he use in all?
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2. Shannon walked  $4\frac{7}{8}$  miles and ran  $3\frac{1}{2}$  miles during the week. How much further did she walk than run?
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**Add.**

3.  $\$54.25 + 55¢ =$  \_\_\_\_\_

4.  $68¢ + 21¢ =$  \_\_\_\_\_

5.  $92¢ + \$2.39 =$  \_\_\_\_\_

$$\begin{array}{r} 6. \quad 0.06 \text{ m} \\ + 0.9 \text{ m} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 0.44 \text{ m} \\ + 0.15 \text{ m} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5.6 \text{ m} \\ + 0.7 \text{ m} \\ \hline \end{array}$$

**Subtract.**

$$\begin{array}{r} 9. \quad 70,763 \\ - 2,176 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 6,982 \\ - 455 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 5,000 \\ - 452 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 46,872 \\ - 8.28 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 561.5 \\ - 478.49 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 676.54 \\ - 196.9 \\ \hline \end{array}$$

15. **Stretch Your Thinking** Use decimals and fractions in the same equation showing the Commutative Property. Repeat for the Associative Property.
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