

Homework

Use 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. $(389 + 700) + 300 =$

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

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

5. $(8 \times 700) + (8 \times 300) =$

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

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

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

$$\begin{array}{r} 8. \quad 10,000 \\ \quad 25,000 \\ \quad 89,000 \\ \quad 75,000 \\ + \quad 90,000 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 10.75 \\ \quad 10.4 \\ \quad 10.25 \\ \quad 10.57 \\ + \quad 10.6 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 1.600 \\ \quad 1.200 \\ \quad 1.200 \\ \quad + 1.479 \\ \hline \end{array}$$

Subtract.

11. $\$182.09 - 37\text{¢} = \underline{\hspace{2cm}}$

12. $\$5,287.32 - 59\text{¢} = \underline{\hspace{2cm}}$

13. $\$362 - 48\text{¢} = \underline{\hspace{2cm}}$

14. $6 \text{ m} - 0.03 \text{ m} = \underline{\hspace{2cm}}$

15. $8 \text{ dm} - 0.5 \text{ dm} = \underline{\hspace{2cm}}$

16. $4 \text{ m} - 0.032 \text{ m} = \underline{\hspace{2cm}}$

Remembering

Use these decimal numbers to answer the questions that follow.

68.70

6.870

6.087

6.87

0.6870

- Which number is the least? _____
- Which number is the greatest? _____
- Which two numbers are equivalent? _____

Compare. Write $>$, $<$, or $=$.

4. $0.09 \bigcirc 0.7$

5. $0.30 \bigcirc 0.3$

6. $0.86 \bigcirc 0.7$

7. $0.461 \bigcirc 0.416$

8. $1.9 \bigcirc 0.83$

9. $0.5 \bigcirc 0.500$

10. $1.26 \bigcirc 12.6$

11. $7.00 \bigcirc 7$

12. $2 \bigcirc 0.2$

Solve.

Show your work.

13. What is the greatest 3-digit whole number you can make using the digits 5, 8, and 2 once? What is the least 3-digit whole number you can make?

14. What is the smallest decimal number you can make using the digits 5, 0, 8, and 2 once?

15. Cherise is growing a tomato plant for her science project. At the end of the first week, the plant was 4.7 cm tall. During the second week, the plant had grown 0.9 cm. How tall was the plant at the end of the second week?
