

STUDY LINK
3•10**Parentheses in Number Sentences**

Write the missing number to make each number sentence true.



- $(45 \div 5) * 3 = \underline{\hspace{2cm}}$
- $9 + (4 * 6) = \underline{\hspace{2cm}}$
- $(20 \div 4) \div 5 = \underline{\hspace{2cm}}$
- $\underline{\hspace{2cm}} = (33 - 25) * 3$
- $\underline{\hspace{2cm}} = (25 \div 5) + (8 * 4)$
- $(33 + 7) \div (3 + 2) = \underline{\hspace{2cm}}$

Insert parentheses () to make each number sentence true.

- $3 * 6 + 4 = 30$
- $15 = 20 \div 4 + 10$
- $7 + 7 * 3 = 4 * 7$
- $9 * 6 = 20 + 7 * 2$

Try This

Insert two sets of parentheses to make each number sentence true.

- $72 \div 9 = 2 * 3 + 18 \div 9$
- $35 \div 42 \div 6 = 10 - 6 + 1$

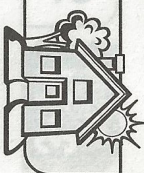
Write T if it is true, F if it is false, or ? if you can't tell.

- $(6 * 5) \div 3$ _____
- $(3 * 7) \div (15 - 12)$ _____
- $30 = 1 + (4 * 6)$ _____
- $(4 * 6) + 13 = 47 - 10$ _____
- $15 > (7 * 6) * (10 - 9)$ _____
- $20 < (64 \div 8) * (12 \div 4)$ _____

Practice

- _____ = $494 + 3,769$
- $5,853 + 4,268 =$ _____
- _____ = $8,210 - 654$
- $7,235 - 906 =$ _____

Open Sentences



Write T if the number sentence is true and F if the number sentence is false.

- $35 = 7 * 5$ _____
- $43 > 34$ _____
- $25 + 25 < 50$ _____
- $49 - (7 \times 7) = 0$ _____

Make a true number sentence by filling in the missing number.

- _____ = $12 / (3 + 3)$
- $(60 - 28) / 4 =$ _____
- $(3 \times 8) \div 6 =$ _____
- $30 - (4 + 6) =$ _____

Make a true number sentence by inserting parentheses.

- $4 * 2 + 10 = 18$
- $16 = 16 - 8 * 2$
- $27 / 9 / 3 = 1$
- $27 / 9 / 3 = 9$

Find the solution of each open sentence below. Write a number sentence with the solution in place of the variable. Check to see whether the number sentence is true.

Example: $6 + x = 14$

Solution: 8

Number sentence: $6 + 8 = 14$

Open sentence

Solution

Number sentence

- $12 + x = 32$ _____
- $s = 200 - 3$ _____
- $5 * y = 40$ _____
- $7 = x / 4$ _____

Practice

17. $366 + 7,565 =$ _____

18. $3,238 + 9,784 =$ _____

19. $9,325 - 756 =$ _____

20. $4,805 - 2,927 =$ _____