

Variables

Solving Unknowns, pt. 1

Unknown - A quantity (number) whose value is not known, and the symbol used to express the unknown quantity.

Variable - A symbol without a fixed quantitative value.

Ex. $2 + ! = 4$ $! = 2$
Because $2 + 2 = 4$.

Ex. $2 + x = 4$ $x = 2$
Because $2 + 2 = 4$.

Ex. $3 + x = 6$ $x = 3$
Because $3 + 3 = 6$.

Ex. $3 + \odot = 5$ $\odot = 2$
Because $3 + 2 = 5$.

Problems: Solve for the unknown.

1.) $2 + \odot = 2$, $\odot = ?$

2.) $3 + \equiv = 4$, $\equiv = ?$

3.) $1 + x = 3$, $x = ?$

4.) $3 + y = 3$, $y = ?$

5.) $3 + z = 7$, $z = ?$

6.) $\odot + 5 = 6$, $\odot = ?$

7.) $\equiv + 2 = 4$, $\equiv = ?$

8.) $x + 4 = 5$, $x = ?$

9.) $y + 3 = 4$, $y = ?$

10.) $z + 1 = 3$, $z = ?$

Bonus: $z + 0 = ?$