

# Variables, pt.2

## Unknowns with mult.

Solve for unknowns.

Ex.  $2x = 4$ ,  $x = 2$   
Because  $2 \cdot 2 = 4$ .

Ex.  $2\heartsuit = 6$ ,  $\heartsuit = 3$   
Because  $2 \cdot 3 = 6$ .

Ex.  $3\odot = 15$ ,  $\odot = 5$   
Because  $3 \cdot 5 = 15$ .

Ex.  $4y = 8$ ,  $y = 2$   
Because  $4 \cdot 2 = 8$ .

Ex.  $10z = 100$ ,  $z = 10$   
Because  $10 \cdot 10 = 100$ .

Problems:

- 1.)  $5\Delta = 15$ ,  $\Delta = ?$
- 2.)  $4! = 12$ ,  $! = ?$
- 3.)  $25\heartsuit = 100$ ,  $\heartsuit = ?$
- 4.)  $4\# = 8$ ,  $\# = ?$
- 5.)  $9\ast = 54$ ,  $\ast = ?$
- 6.)  $3t = 21$ ,  $t = ?$
- 7.)  $5\blacklozenge = 25$ ,  $\blacklozenge = ?$
- 8.)  $2\odot = 6$ ,  $\odot = ?$
- 9.)  $7M = 14$ ,  $M = ?$
- 10.)  $2\ast = 16$ ,  $\ast = ?$