

→ Example: Evaluate $2mk$ if $m=3$ and $k=10$.

① Replace m with 3 and k with 10.
 $2mk \rightarrow 2(3)(10)$

② Solve.
 $2(3)(10) = 60$

→ Example: Evaluate $y^2 + 3 \times 7$ if $y=6$

① Replace y with 6.

$$y^2 + 3 \times 7 \rightarrow (6)^2 + 3 \times 7$$

② Solve using order of operations.

$$(6)^2 + 3 \times 7 = 36 + 3 \times 7$$

$$36 + 21$$

$$57$$

→ Example: Evaluate $m^3 + 2k^2$ if $m=3$ and $k=10$.

① Replace m with 3 and k with 10.

$$m^3 + 2k^2 \rightarrow 3^3 + 2(10)^2$$

② Solve using order of operations.

$$3^3 + 2(10)^2 = 27 + 2(100)$$

$$= 27 + 200$$

$$= 227$$