## Expressions
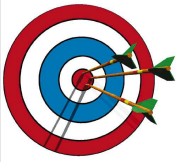
Today's Learning Targets:

0.5 - I can simplify an expression by distributing.

## Solve

Order of Operations

$$5(3 + 2)$$

Distributing

$$5(3 + 2)$$

$$5(x + 3)$$

$$5(2x + 3)$$

$$5y(2x + 3)$$

$$5x(2x + 3)$$

$$5x(2xy + 3y)$$

$$5x^2(2xy + 3y)$$

Distributive Property

4(x + 2)

(x + y)xy

2(3x + 4y)

$3x^2(y + 2x + 1)$

y(-7 + y)