

## DIST

To help me use the Distributive Property.

**D**oes one side of the equals sign include parentheses?

- Left side or right side of equals sign has parentheses

$$5(3 + 4) = 5 \times 3 + 5 \times 4$$

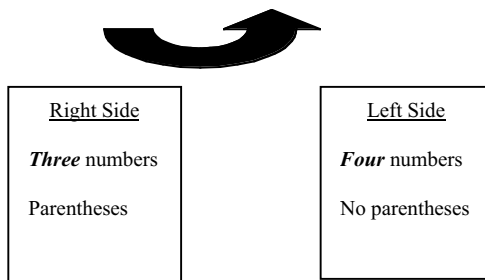
↑  
parentheses on left side

$$5 \times 3 + 5 \times 4 = 5(3 + 4)$$

↑  
parentheses on right side

**I**dentify that the other side has more numbers and no parentheses.

$$5(3 + 4) = 5 \times 3 + 5 \times 4$$



**S**ee the “double number.”

- Number outside parentheses will be written twice on other side.

$$5(3 + 4) = 5 \times 3 + 5 \times 4$$

**T**otal is the same.

- Both sides equal the same total.

$$\begin{aligned}5(3 + 4) &= 5 \times 3 + 5 \times 4 \\5 \times 7 &= 15 + 20 \\35 &= 35\end{aligned}$$