1. Solve the equation.

$3x + 5 = 2x - 1$

$3x + 5 = 2x - 1$

$-5 \quad\quad -5$

$3x = 2x - 6$

$x = -6$

2. Simplify:

$x + 4x + 6 + 2x =$ $6x + 6$

$-2x(3x - 6) =$ $-6x^2 - 12x$

$(3x + 6)(6x - 2 + 5y) =$ $18x^2 + 30y + 36x + 15xy$

F L I O

3. What is the area of this rectangle?

3

20?

1. Solve the equation.

$3x + 5 = 2x - 1$

$3x + 5 = 2x - 1$

$+5 \quad +5$

$3x = 2x - 2$

$x = -2$

the 1 looks like a 7. Sloppy

2. Simplify:

$x + 4x + 6 + 2x =$ $6x + 6$ ← 1+4+2=7. Invisible 1

$-2x(3x - 6) =$ $-6x^2 - 12x$ Negative sign

$(3x + 6)(6x - 2 + 5y) =$ $18x^2 + 30y + 36x + 15xy$ FOIL doesn't work any more.

F L I O

3. What is the area of this rectangle?

— Memorize the formula $A = l \cdot w$