

1. Solve the equation.

$$3x + 5 = 2x - 1$$

$$3x + 5 = 2x - 1$$
$$+ 5 \quad + 5$$

$$\frac{3x = 2x - 2}{x = -2}$$

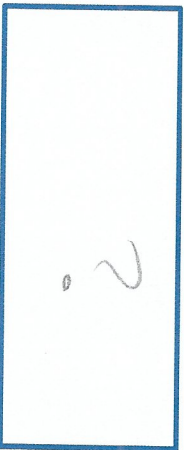
2. Simplify:

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

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

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

3. What is the area of this rectangle?



3

20?

7

1. Solve the equation.

$$3x + 5 = 2x - 1$$

$$3x + 5 = 2x - 1 + 5$$

the 1 looks like a 7. Sloppy

2. Simplify:

$$1x + 4x + 6 + 2x =$$

$$6x + 6 \leftarrow 1+4+2=7. \text{ invisible 1}$$

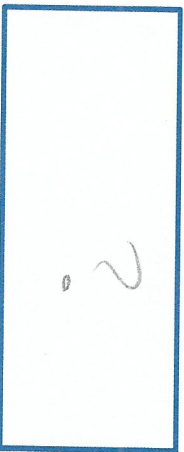
$$-2x(3x - 6) =$$

$$-6x^2 - 12x \quad \text{Negative sign}$$

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

FOIL doesn't work any more.

3. What is the area of this rectangle?



3

20?

$$A = l \cdot w$$

— Memorize the formula