

Algebra 1

Our Goal: To review for the Chapter 7 quiz

Warm Up: FOIL handout

Today's homework

Textbook Practice Quiz 7.1-7.4, p.384: 1-21

Previous homework

Big Ideas Mid Chapter Quiz



Unit 7 quiz topics:

- Polynomial vocabulary
 - degree
 - leading coefficient
 - number of terms
- Adding and subtracting polynomials
- Multiplying polynomials
- Solving polynomial equations

$$7x^2 = 28x$$
$$\begin{array}{r} -28x \\ -28x \end{array}$$

$$7x^2 - 28x = 0 \quad \checkmark$$

$$7x(x - 4) = 0 \quad \checkmark$$

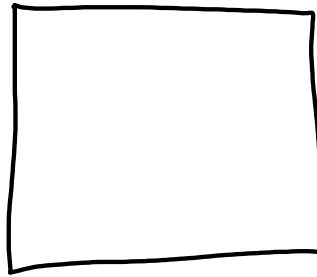
$$x = 0, 4$$

$$x^2 + 5 = 21$$

$$x^2 - 16 = 0$$

$$x^2 = 16 \quad -$$

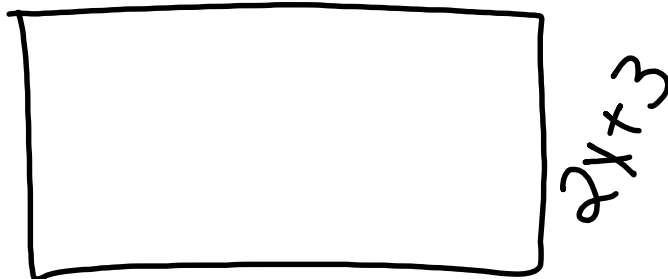
$$x = 4, -4$$



$$3x+4$$

$$\text{Perimeter: } \underline{12x+16}$$

$$\text{Area: } \underline{9x^2+24x+16}$$



$$4x-5$$

$$2x+3$$

$$P: \underline{12x-4}$$

$$A: \underline{8x^2+2x-15}$$