

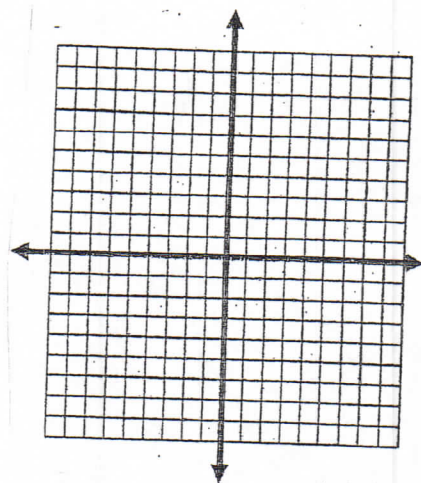
Student Questions

Name: _____

Simplify: $\sqrt{-6^2 + 8 \cdot 12 - 7 + 3^2}$

Graph the Quadratic: $y = 2x^2 - 2x + 3$

Solve the variable equation: $\frac{1}{64}x - \sqrt{16} = \frac{1}{96}$



Solve the system of linear equations:

$$5x + 3y = 15$$

$$y = 2$$

Area question: A rectangular corral has a length of $10x$ meters, and a width of $(x+5)$ meters. The area of the corral is 500 m^2 .

a) Find the value of x . b) what are the dimensions of the corral?

Solve the Quadratic: Simplify: $\sqrt{2} + \sqrt{32}$