



Evaluación de matemática
Noveno grado
Segundo parcial

1. Escriba la solución a las ecuaciones

a. $9x^2 - 81 = 0$

b. $x^2 - 10x + 16 = 0$

2. Complete la fórmula

$$2x^2 - 6x + 4 = 0$$

$$x = \frac{-\boxed{} \pm \sqrt{\boxed{}^2 - 4\boxed{}\boxed{}}}{2\boxed{}}$$

$$x = \frac{\boxed{} \pm \sqrt{\boxed{}}}{\boxed{}}$$

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$$x_1 = \boxed{}$$

$$x_2 = \boxed{}$$

3. Resolver el siguiente sistema

$$2x + y = 2$$

$$5x + y = 8$$

Paso 1

$$\boxed{} = 2 - 2x$$

$$y = \boxed{}$$

Paso 2

$$2 - 2x = \boxed{}$$

Paso 3

$$\boxed{} = \boxed{}$$

$$\boxed{} = \boxed{}$$

$$x = \boxed{}$$

Paso 4

$$2(\boxed{}) + y = 2$$

$$\boxed{} + y = 2$$

$$y = 2 + \boxed{}$$

$$y = \boxed{}$$