

# FORMULA GENERAL

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

# RESUELVE

$$25x^2 + 100x + 100 = 0$$

$$a = \boxed{\phantom{0}}$$

$$b = \boxed{\phantom{0}}$$

$$c = \boxed{\phantom{0}}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(\boxed{\phantom{0}}) \pm \sqrt{(\boxed{\phantom{0}})^2 - (\boxed{\phantom{0}})(\boxed{\phantom{0}})(\boxed{\phantom{0}})}}{(\boxed{\phantom{0}})(\boxed{\phantom{0}})}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$

$$x_1 = \frac{-\boxed{\phantom{0}} + \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

$$x_2 = \frac{-\boxed{\phantom{0}} - \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

# RESUELVE

$$4x^2 + 24x + 32 = 0$$

$$a = \boxed{\phantom{0}}$$

$$b = \boxed{\phantom{0}}$$

$$c = \boxed{\phantom{0}}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(\boxed{\phantom{0}}) \pm \sqrt{(\boxed{\phantom{0}})^2 - (\boxed{\phantom{0}})(\boxed{\phantom{0}})(\boxed{\phantom{0}})}}{(\boxed{\phantom{0}})(\boxed{\phantom{0}})}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

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$$x = \frac{-\boxed{\phantom{0}} \pm \boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$

$$x_1 = \frac{-\boxed{\phantom{0}} + \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

$$x_2 = \frac{-\boxed{\phantom{0}} - \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

# RESUELVE

$$2x^2 + 20x + 50 = 0$$

$$a = \boxed{2}$$

$$b = \boxed{20}$$

$$c = \boxed{50}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-\boxed{20} \pm \sqrt{\boxed{20}^2 - \boxed{2}(\boxed{20})(\boxed{50})}}{\boxed{2}(\boxed{2})}$$

$$x = \frac{-\boxed{20} \pm \sqrt{\boxed{20}^2 - \boxed{2}(\boxed{20})}}{\boxed{2}}$$

$$x = \frac{-\boxed{20} \pm \sqrt{\boxed{20}}}{\boxed{2}}$$

$$x = \frac{-\boxed{20} \pm \boxed{20}}{\boxed{2}}$$

$$x_1 = \frac{-\boxed{20} + \boxed{20}}{\boxed{2}} = \boxed{0}$$

$$x_2 = \frac{-\boxed{20} - \boxed{20}}{\boxed{2}} = \boxed{-20}$$

# RESUELVE

$$2x^2 + 14x + 24 = 0$$

$$a = \boxed{\phantom{0}}$$

$$b = \boxed{\phantom{0}}$$

$$c = \boxed{\phantom{0}}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(\boxed{\phantom{0}}) \pm \sqrt{(\boxed{\phantom{0}})^2 - (\boxed{\phantom{0}})(\boxed{\phantom{0}})(\boxed{\phantom{0}})}}{(\boxed{\phantom{0}})(\boxed{\phantom{0}})}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

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$$x = \frac{-\boxed{\phantom{0}} \pm \boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$

$$x_1 = \frac{-\boxed{\phantom{0}} + \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

$$x_2 = \frac{-\boxed{\phantom{0}} - \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

# RESUELVE

## $4x^2 + 16x + 12 = 0$

$$a = \boxed{\phantom{0}}$$

$$b = \boxed{\phantom{0}}$$

$$c = \boxed{\phantom{0}}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(\boxed{\phantom{0}}) \pm \sqrt{(\boxed{\phantom{0}})^2 - (\boxed{\phantom{0}})(\boxed{\phantom{0}})(\boxed{\phantom{0}})}}{(\boxed{\phantom{0}})(\boxed{\phantom{0}})}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$

$$x_1 = \frac{-\boxed{\phantom{0}} + \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

$$x_2 = \frac{-\boxed{\phantom{0}} - \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

# RESUELVE

$$5x^2 + 25x + 30 = 0$$

$$a = \boxed{\phantom{0}}$$

$$b = \boxed{\phantom{0}}$$

$$c = \boxed{\phantom{0}}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(\boxed{\phantom{0}}) \pm \sqrt{(\boxed{\phantom{0}})^2 - (\boxed{\phantom{0}})(\boxed{\phantom{0}})(\boxed{\phantom{0}})}}{(\boxed{\phantom{0}})(\boxed{\phantom{0}})}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

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$$x_1 = \frac{-\boxed{\phantom{0}} + \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

$$x_2 = \frac{-\boxed{\phantom{0}} - \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

# RESUELVE

$$6x^2 + 30x + 24 = 0$$

$$a = \boxed{\phantom{0}}$$

$$b = \boxed{\phantom{0}}$$

$$c = \boxed{\phantom{0}}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{(\boxed{\phantom{0}})^2 - \boxed{\phantom{0}}(\boxed{\phantom{0}})(\boxed{\phantom{0}})}}{\boxed{\phantom{0}}(\boxed{\phantom{0}})}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$

$$x_1 = \frac{-\boxed{\phantom{0}} + \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

$$x_2 = \frac{-\boxed{\phantom{0}} - \boxed{\phantom{0}}}{\boxed{\phantom{0}}} = \boxed{\phantom{0}}$$

# RESUELVE

$$x^2 + 6x - 27 = 0$$

$$a = \boxed{\phantom{0}}$$

$$b = \boxed{\phantom{0}}$$

$$c = \boxed{\phantom{0}}$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(\boxed{\phantom{0}}) \pm \sqrt{(\boxed{\phantom{0}})^2 - (\boxed{\phantom{0}})(\boxed{\phantom{0}})(\boxed{\phantom{0}})}}{(\boxed{\phantom{0}})(\boxed{\phantom{0}})}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}} \cdot \boxed{\phantom{0}} \cdot \boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \sqrt{\boxed{\phantom{0}}}}{\boxed{\phantom{0}}}$$

$$x = \frac{-\boxed{\phantom{0}} \pm \boxed{\phantom{0}}}{\boxed{\phantom{0}}}$$

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