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Muhammad ibn Musa **al-Khwarizmi**,

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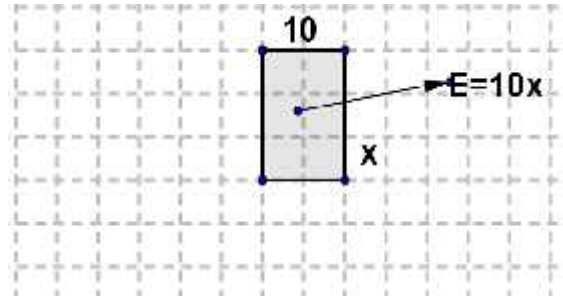
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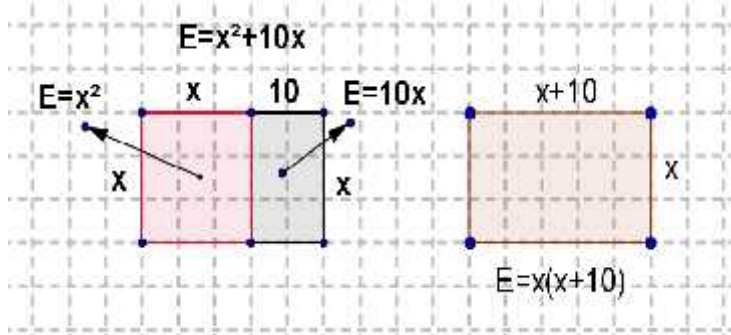
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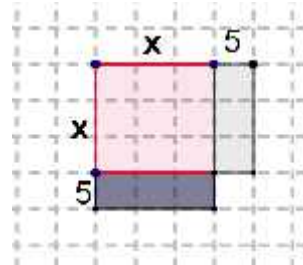
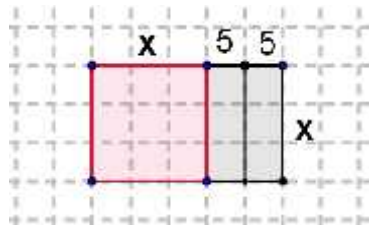
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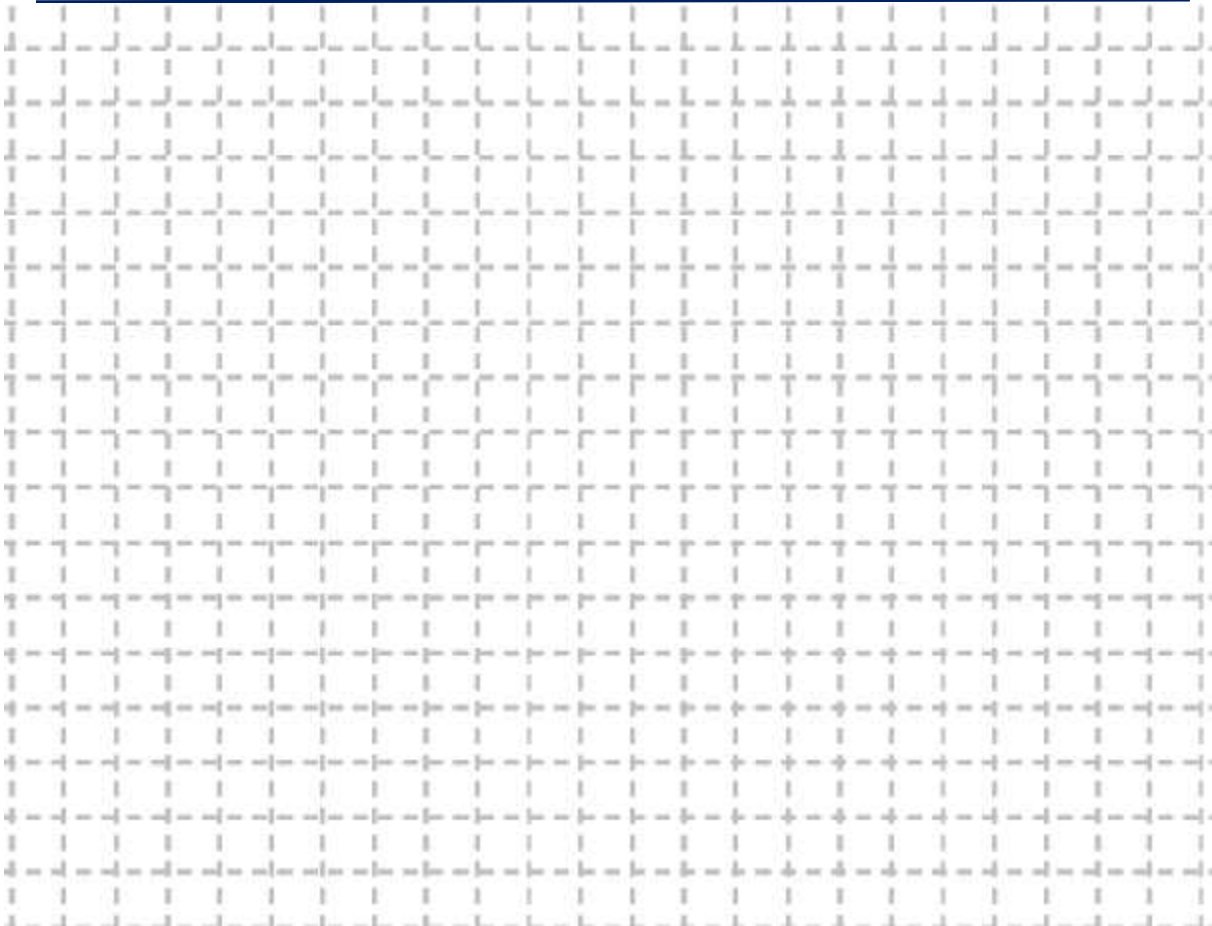
$\mu \quad \mu \quad \mu \quad 39 \mu$

$\mu : \mu \quad x^2 + 10x = 39$

$\mu \quad \mu \quad \mu \quad \mu \quad 10 \quad x \quad \mu$



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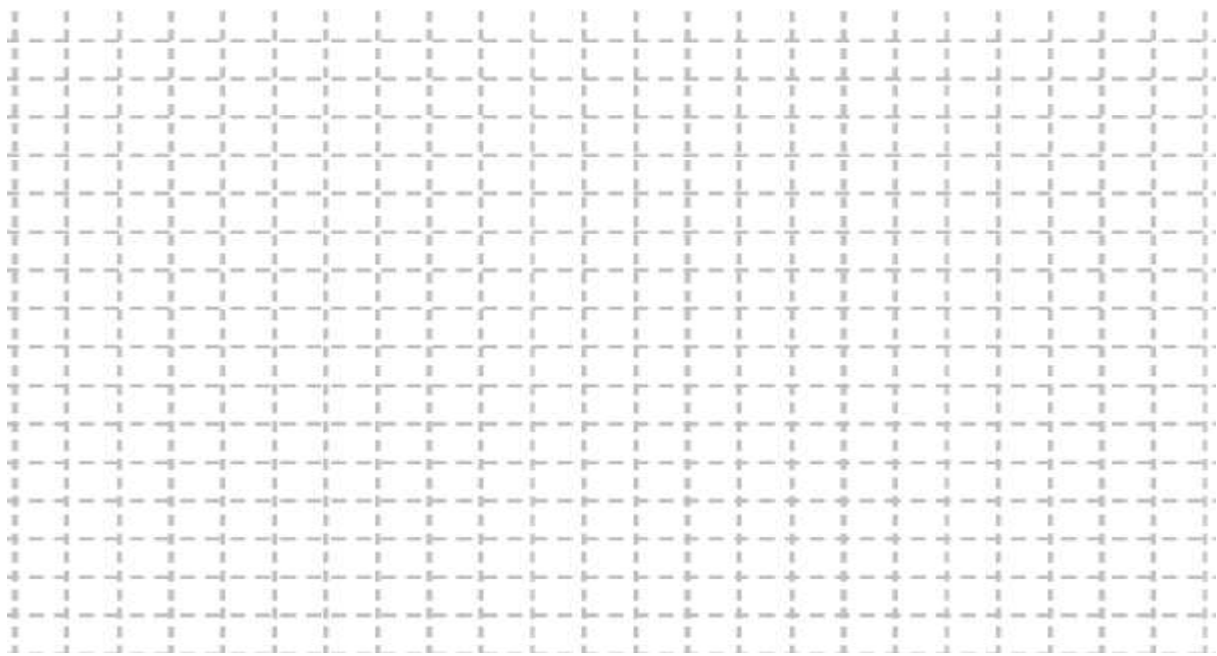


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$$x = \pm \sqrt{\left(\frac{\beta}{2}\right)^2 + \gamma} - \frac{\beta}{2} = \frac{-\beta \pm \sqrt{\beta^2 + 2\gamma}}{2}$$

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$$x^2 + \beta x = \gamma \quad x^2 + \beta x - \gamma = 0$$

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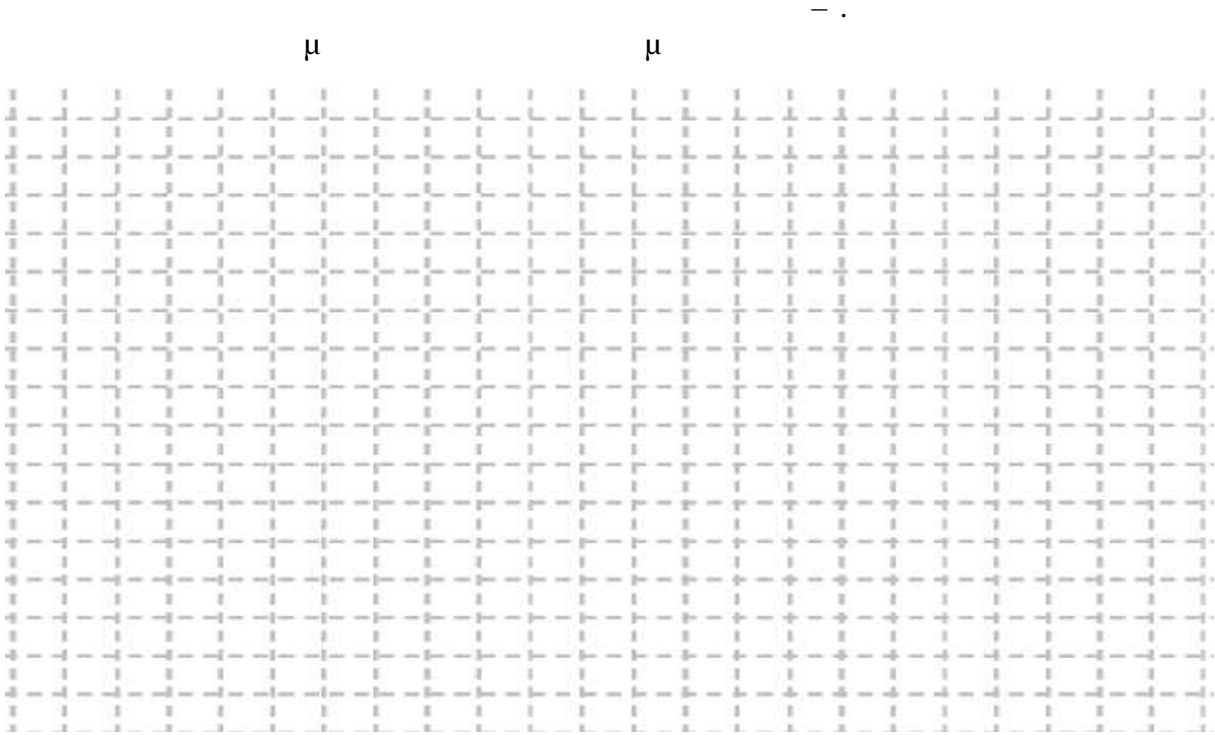
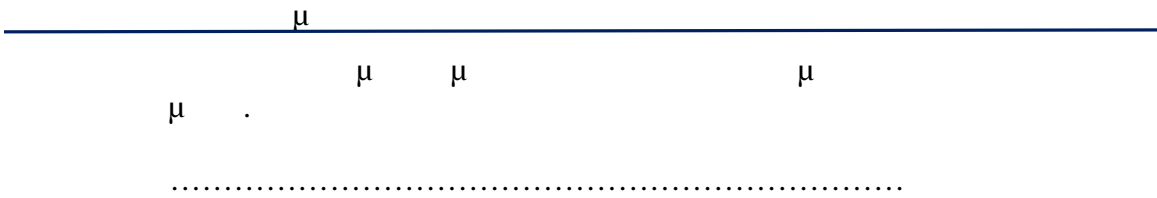
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$$\mu \quad x^2 + x - = 0$$



$$\mu \quad \mu \quad \mu \quad : x = \frac{-\beta \pm \sqrt{\beta^2 - 4\alpha\gamma}}{2\alpha}$$

$$\mu \quad \mu \quad , \quad \beta^2 - 4\alpha\gamma > 0.$$