

Introduction to Solving Quadratic Equations

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$$(x - 3) \cdot (x + 2) = 0$$

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The two numbers we multiply together are $(x - 3)$ and $(x + 2)$

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► By the Zero-Product Property either:

$$(x - 3) = 0$$

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The first equation can be solved by adding 3 to each side to get:

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The first equation can be solved by subtracting 2 from each side to get:

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Conclusion: The solutions to $(x - 3) \cdot (x + 2) = 0$ are: $x = 3, -2$