Solving Quadratics · Grade 11

Name _____ Date _____ Score _____ / 8

01 Solve $x^2 - 7x + 6 = 0$ _____

02 Solve $x^2 - 10x + 16 = 0$ _____

03 Solve $x^2 + 4x + 4 = 0$ _____

04 Solve $x^2 + 9x + 18 = 0$ _____

05 Solve $x^2 + 6x - 7 = 0$ _____

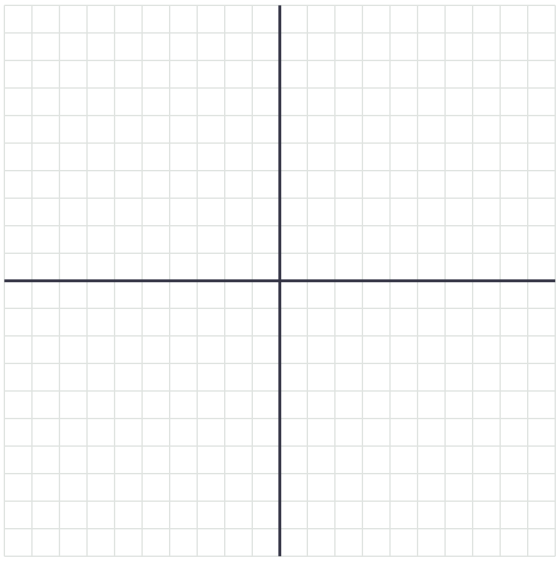
06 Solve $x^2 + 4x - 32 = 0$ _____

07 Solve $x^2 + 5x - 24 = 0$ _____

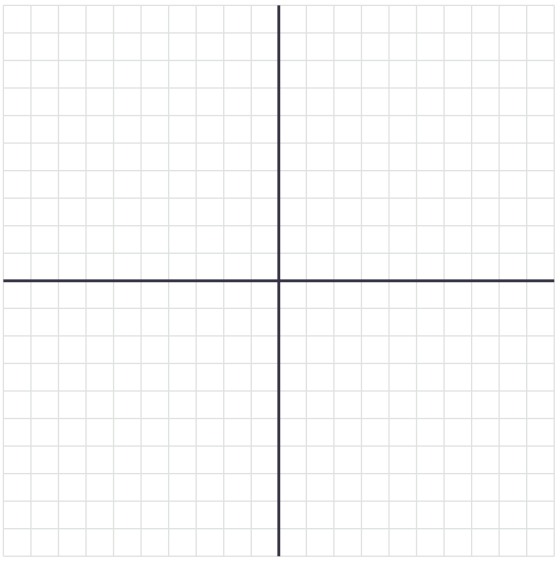
08 Solve $x^2 - 2x + 1 = 0$ _____

Graph Paper

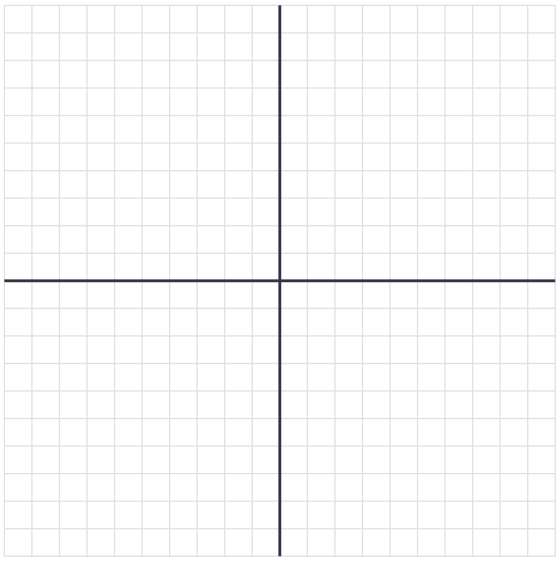
01



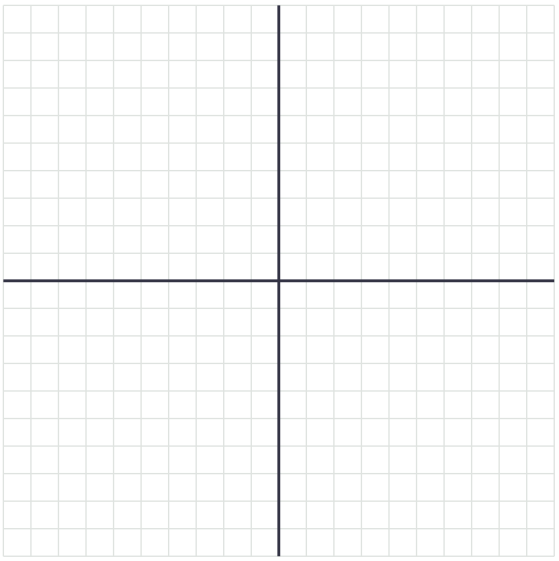
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03

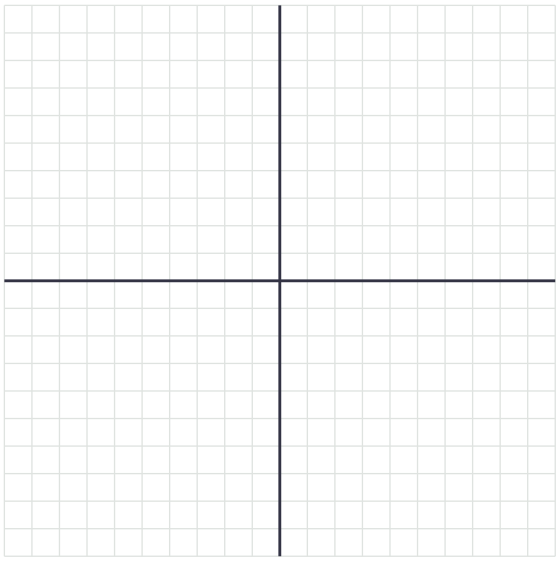


04

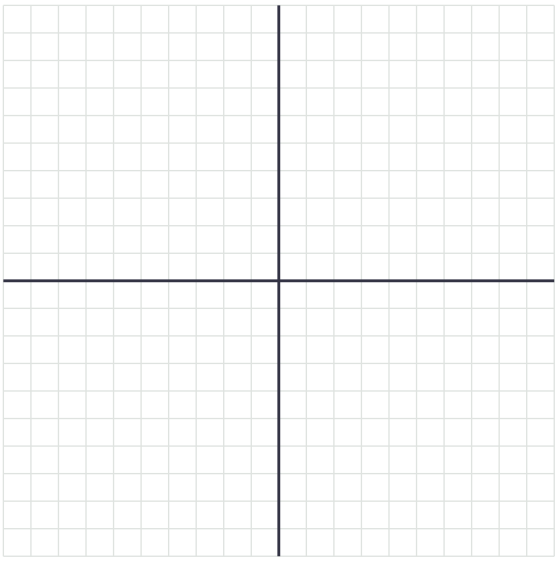


Graph Paper

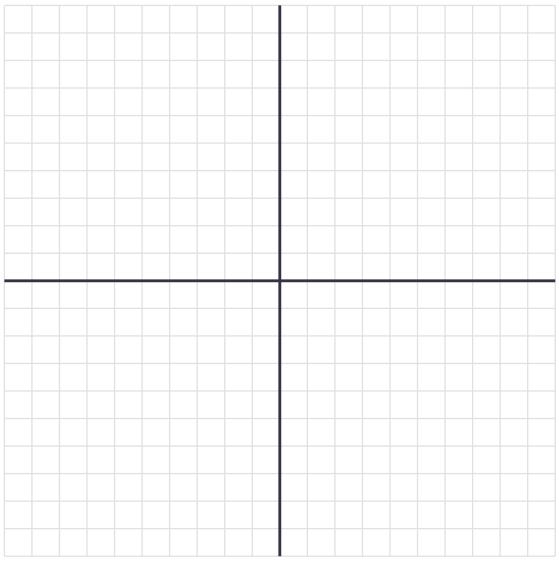
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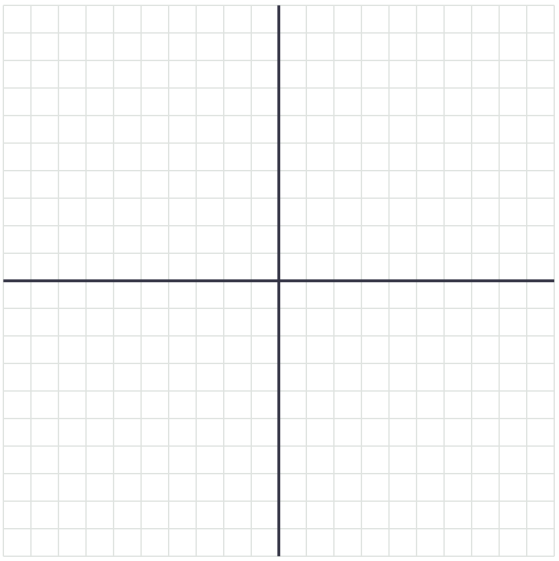
06



07



08



Solving Quadratics · Grade 11 (Answer Key)

01 Solve $x^2 - 7x + 6 = 0$

x = 1 or x = 6

02 Solve $x^2 - 10x + 16 = 0$

x = 8 or x = 2

03 Solve $x^2 + 4x + 4 = 0$

x = −2 (double root)

04 Solve $x^2 + 9x + 18 = 0$

x = −3 or x = −6

05 Solve $x^2 + 6x - 7 = 0$

x = 1 or x = −7

06 Solve $x^2 + 4x - 32 = 0$

x = 4 or x = −8

07 Solve $x^2 + 5x - 24 = 0$

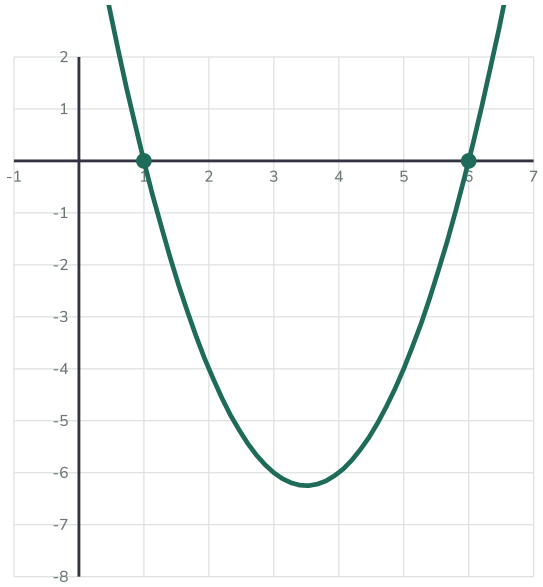
x = −8 or x = 3

08 Solve $x^2 - 2x + 1 = 0$

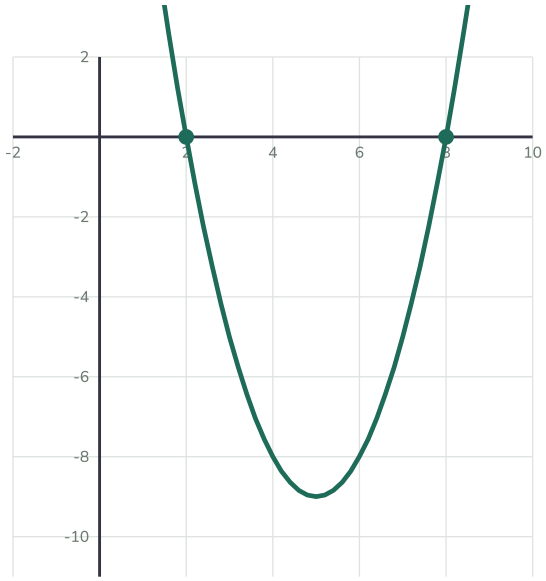
x = 1 (double root)

Graph Paper (Answers)

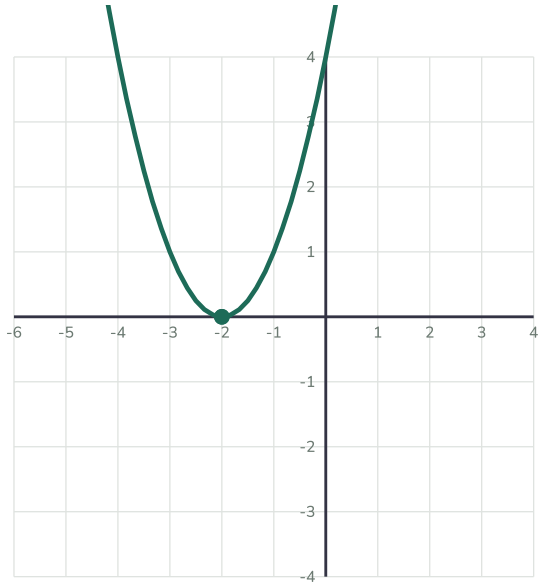
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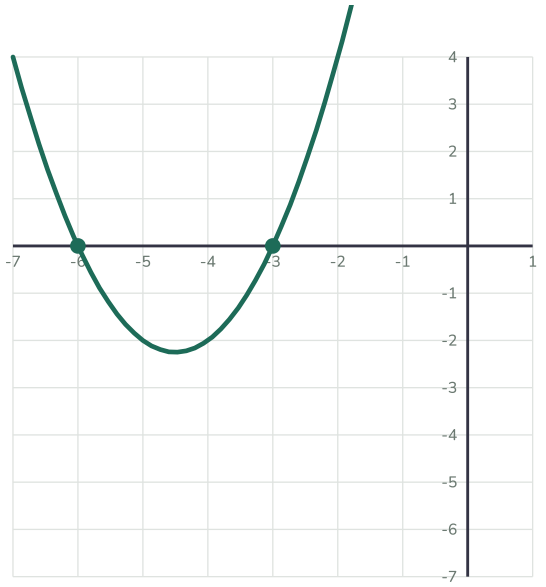
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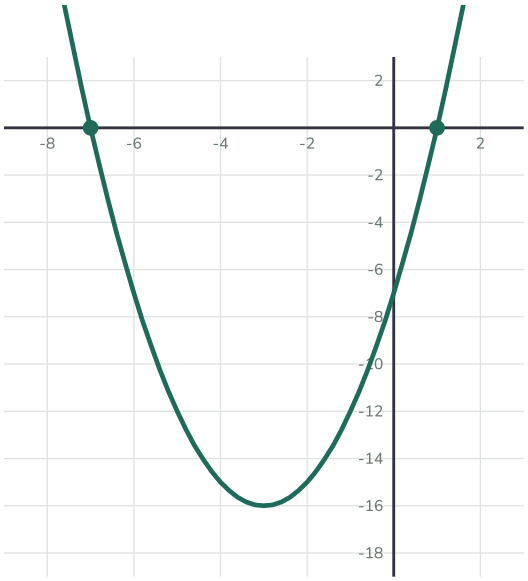


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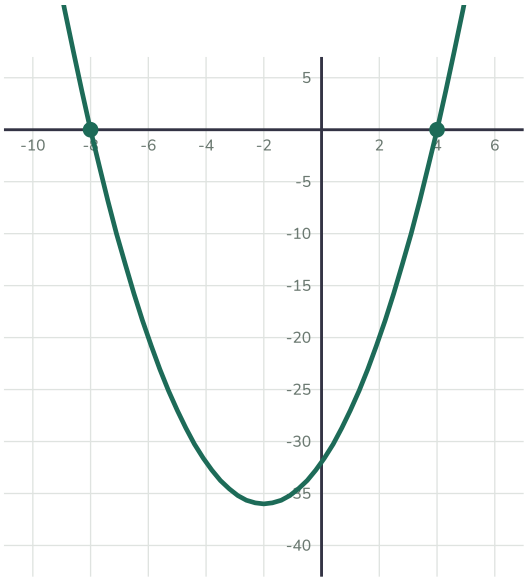


Graph Paper (Answers)

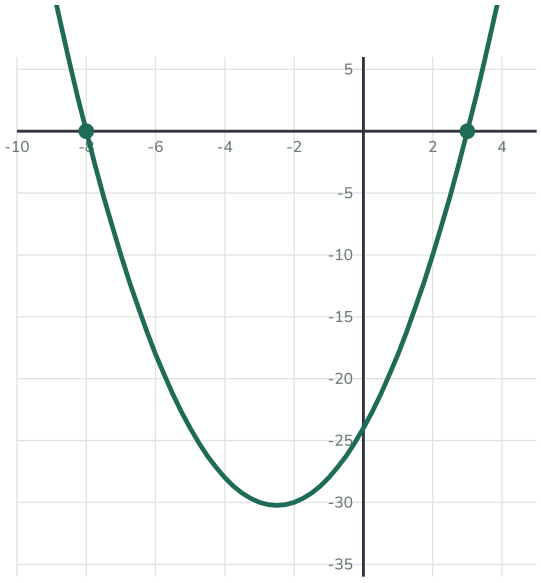
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