SOLVING QUADRATICS · GRADE 10

Solving Quadratics · Grade 10

Name _____ Date _____ Score _____ / 8

01 Solve $x^2 + 3x - 10 = 0$ _____

02 Solve $x^2 - 18x + 80 = 0$ _____

03 Solve $x^2 - 12x + 11 = 0$ _____

04 Solve $x^2 + 7x - 44 = 0$ _____

05 Solve $x^2 + 18x + 81 = 0$ _____

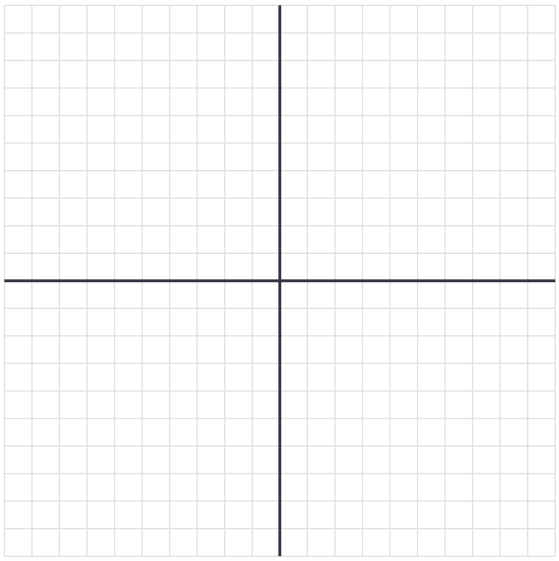
06 Solve $x^2 - 5x - 36 = 0$ _____

07 Solve $x^2 - 22x + 121 = 0$ _____

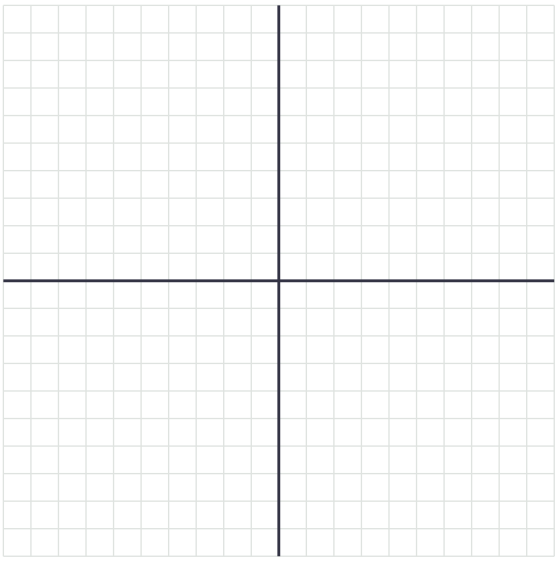
08 Solve $x^2 + 4x - 21 = 0$ _____

Graph Paper

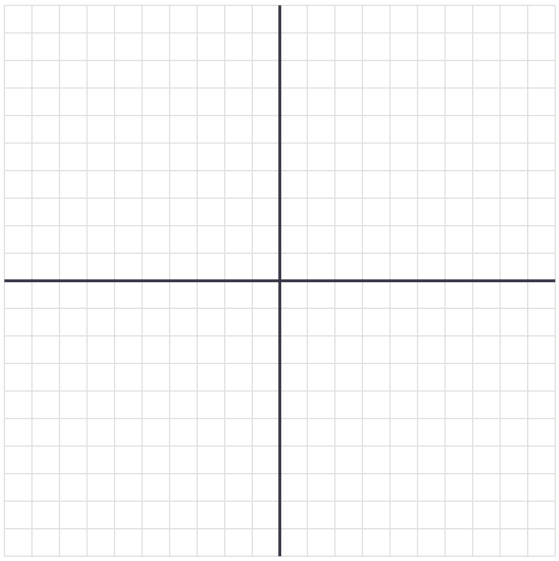
01



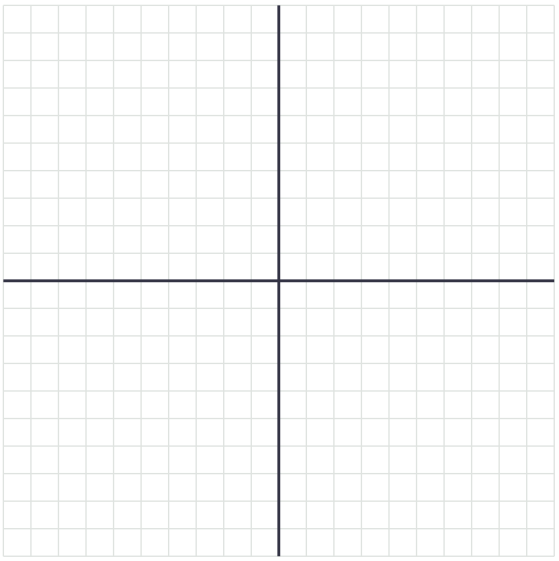
02



03

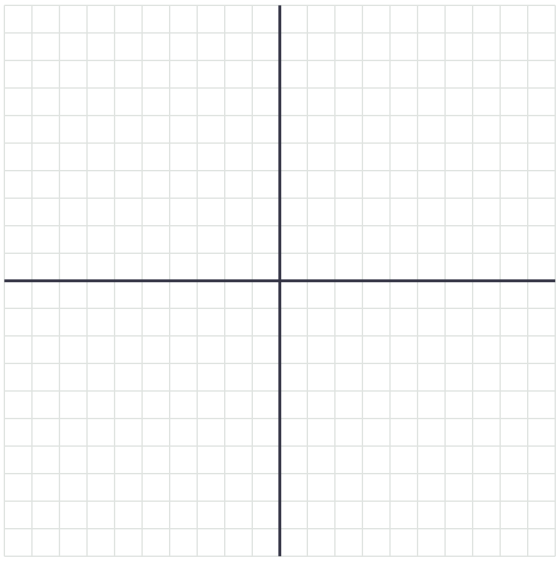


04

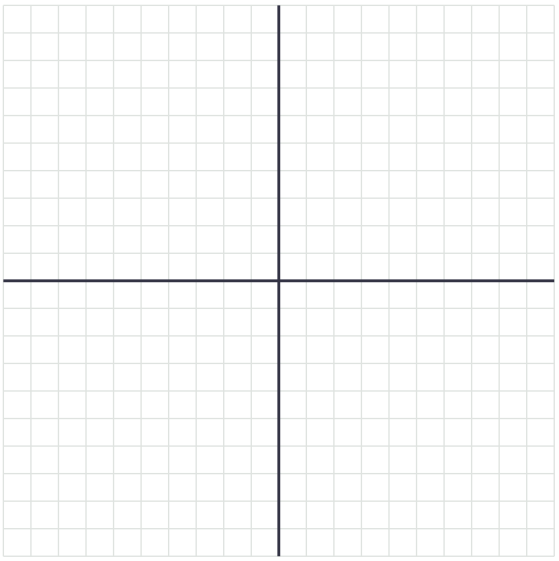


Graph Paper

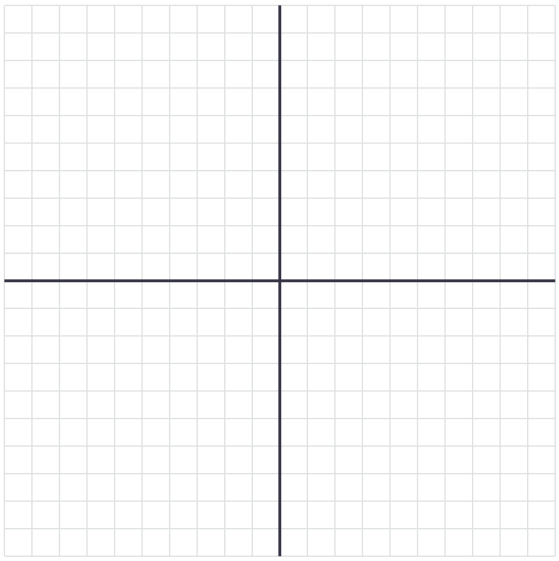
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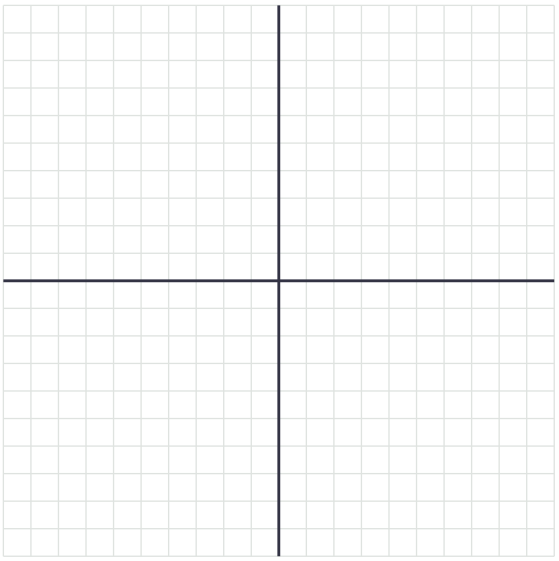
06



07



08



Solving Quadratics · Grade 10 (Answer Key)

01 Solve $x^2 + 3x - 10 = 0$

x = −5 or x = 2

02 Solve $x^2 - 18x + 80 = 0$

x = 10 or x = 8

03 Solve $x^2 - 12x + 11 = 0$

x = 1 or x = 11

04 Solve $x^2 + 7x - 44 = 0$

x = 4 or x = −11

05 Solve $x^2 + 18x + 81 = 0$

x = −9 (double root)

06 Solve $x^2 - 5x - 36 = 0$

x = −4 or x = 9

07 Solve $x^2 - 22x + 121 = 0$

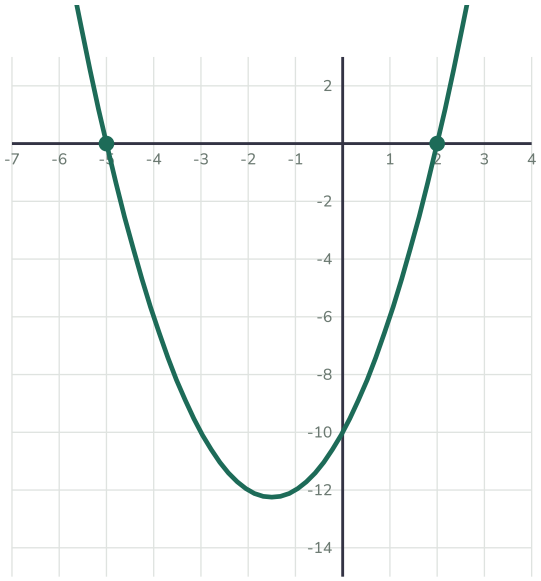
x = 11 (double root)

08 Solve $x^2 + 4x - 21 = 0$

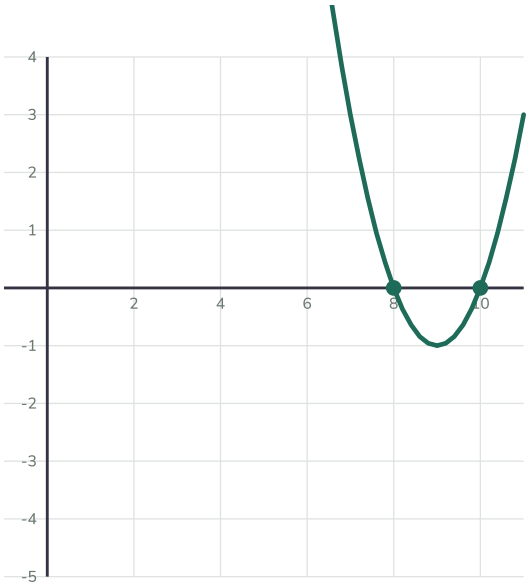
x = 3 or x = −7

Graph Paper (Answers)

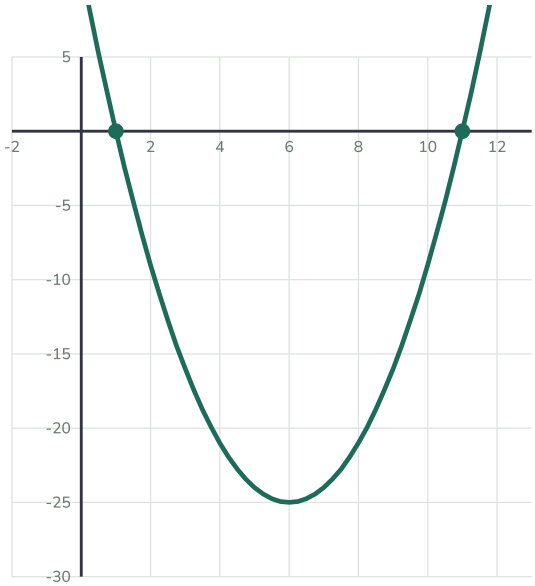
01



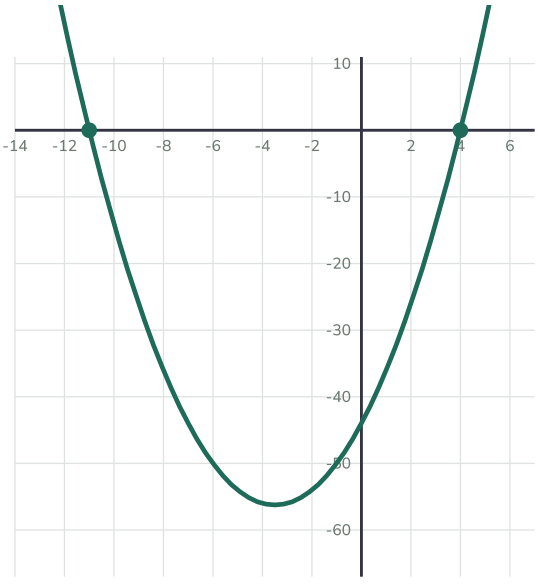
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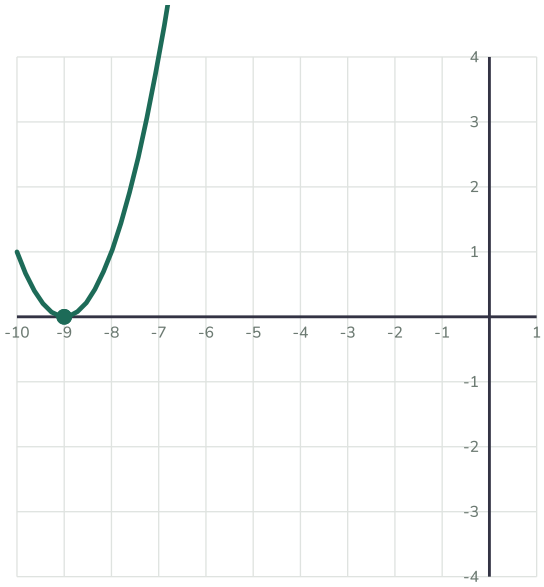


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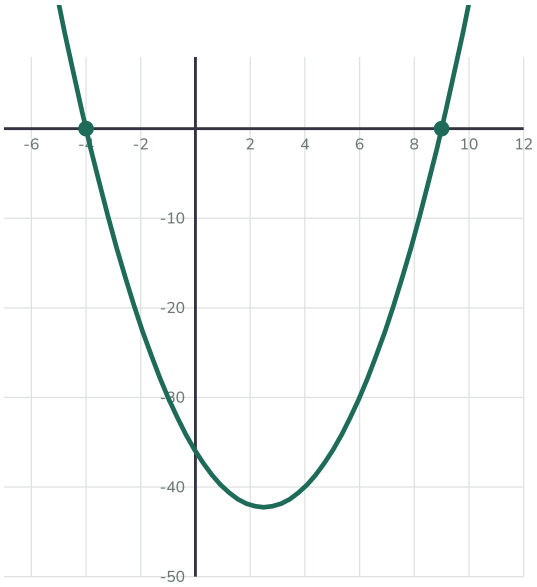


Graph Paper (Answers)

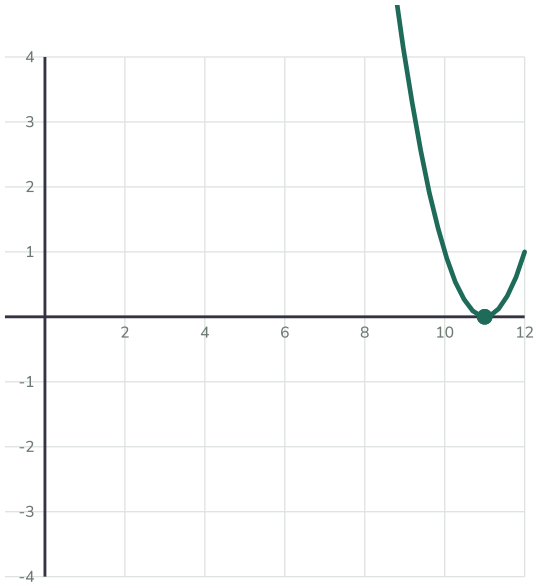
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