

## Worksheet: Quadratic Equations

NIOS · Class 10 · Mathematics · 4 questions · 10 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 10

**Q1.** Is  $x^2 + 2x - 3 = 0$  a quadratic equation? [1 mark]

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**Q2.** Find discriminant of  $2x^2 - 3x + 1 = 0$ . [1 mark]

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**Q3.** Solve by quadratic formula:  $2x^2 - 7x + 3 = 0$ . [3 marks]

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**Q4.** The product of two consecutive positive integers is 240. Find the integers. [5 marks]

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