

Sample00.qiz

This is designed to use the RangerCollege.cst style, develop an exemplary quadratic equation question, and exhibit other types of questions

Write your name and time of exam in this box. For example, enter

John Doe, 12/25/1998 9:00AM

=>

1 Solve by using the quadratic formula:

$$5x^2 + 6x - 3 = 0$$

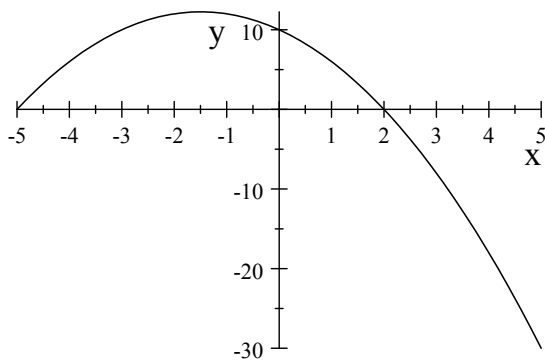
- $x = \frac{2}{5}\sqrt{6} - \frac{3}{5}$ or $x = -\frac{2}{5}\sqrt{6} - \frac{3}{5}$
- $x = \frac{4}{5}\sqrt{6} - \frac{6}{5}$ or $x = -\frac{4}{5}\sqrt{6} - \frac{6}{5}$
- $x = \frac{2}{5}\sqrt{6} + \frac{3}{5}$ or $x = \frac{3}{5} - \frac{2}{5}\sqrt{6}$
- $x = \frac{1}{10}\sqrt{66} - \frac{3}{5}$ or $x = -\frac{1}{10}\sqrt{66} - \frac{3}{5}$
- None of these

2 Which of the following is prime? You get 2 points for each correct selection. More than one correct selection is possible. You lose 2 points for each **incorrect** selection.

- 91 6 143 43 129 3

3 Solve by using the quadratic formula: $3x^2 + 6x - 5 = 0$. Show all work in the space provided below.

4 Which of the following functions has this graph?



- $-x^2 + 7x - 10$
- $x^2 + 3x - 10$
- $-x^2 - 7x - 10$
- $-x^2 - 3x + 10$

Click to grade