Name: _____ Date: _____ Class: _____

SECTION 5-3 QUIZ A

Identify the zeros of the function $h(x) = x^2 + 2x$.

- 0, −2
- 0, 2
- 1, 1
- −1, −1

Identify the zeros of the function $f(x) = x^2 - 2x - 15$.

- 3, −5
- −3, 5
- 3, 5
- −3, −5

Identify the roots of the equation $x^2 - 4x + 4 = 0$ using factoring.

- $x = -4$
- $x = -2$
- $x = 2$
- $x = 4$

Identify the roots of the equation $x^2 = 9x - 14$ by factoring.

- $x = 2$ or $x = 7$
- $x = -2$ or $x = 7$
- $x = 2$ or $x = -7$
- $x = -2$ or $x = -7$

*****EXTRA CREDIT*****

Identify the quadratic function in standard form with zeros -2 and 8.

- $f(x) = x^2 + 10x + 16$
- $f(x) = x^2 - 6x + 16$
- $f(x) = x^2 - 6x - 16$
- $f(x) = x^2 + 10x - 16$