



Identifying Quadratic Equations

Name _____

Score _____

RQ:01

Identify that the given equation is quadratic or not.

1) $z^2 - 9 = 0$ a) quadratic equation b) not quadratic equation

2) $5 = m(m + 7)$ a) quadratic equation b) not quadratic equation

3) $3t + 1 = t^3 - 4t^2$ a) quadratic equation b) not quadratic equation

4) $y^2 + \sqrt{y} - 10 = 0$ a) quadratic equation b) not quadratic equation

5) $\frac{6}{-x} = x + 5$ a) quadratic equation b) not quadratic equation

6) $h = 8 - h$ a) quadratic equation b) not quadratic equation

7) Which of the following equation is a quadratic?

a) $n - 9 = 1$ b) $3 + 4n^2 - 2n = 0$ c) $n^2(n + 1) = 3$

8) Which of the following equation is not a quadratic?

a) $x + 1 = 7$ b) $x = x^2 - 2$ c) $x(x - 5) = 3$



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Answer key

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