



Identifying Quadratic Equations

Name _____

Score _____

RQ:02

Identify that the given equation is quadratic or not.

1) $g + 2 = g(3 - g)$ a) quadratic equation b) not quadratic equation

2) $\frac{1}{v^2} + v^2 = 4$ a) quadratic equation b) not quadratic equation

3) $h = 2h^2 - 5$ a) quadratic equation b) not quadratic equation

4) $z(z - 4) + z(3 - z) = 1$ a) quadratic equation b) not quadratic equation

5) $y - \frac{7}{y} = 6$ a) quadratic equation b) not quadratic equation

6) $3 = 8 - t$ a) quadratic equation b) not quadratic equation

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

a) $6 = x(1 + x)$ b) $x^2 = 64$ c) $\sqrt{4x} - 1 = 2x^2$

8) Which of the following equation is a quadratic?

a) $25 = n^2$ b) $n(n - 4) = n^2 + 2$ c) $n^3 = 125$



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Answer key

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a) quadratic equation

b) not quadratic equation

2) $\frac{1}{v^2} + v^2 = 4$

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

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b) $x^2 = 64$

c) $\sqrt{4x} - 1 = 2x^2$

8) Which of the following equation is a quadratic?

a) $25 = n^2$

b) $n(n - 4) = n^2 + 2$

c) $n^3 = 125$