

## **Identifying Quadratic Equations**

Score

RQ:03

Identify that the given equation is quadratic or not.

1) 
$$4x - 7 = 0$$

- quadratic equation a)
- b) not quadratic equation

2) 
$$y(1-y)-y(y+2)=3$$
 a) quadratic equation

- b) not quadratic equation

3) 
$$\sqrt{n} = 5 + n^2$$

- a) quadratic equation
- b) not quadratic equation

4) 
$$5h^2 - 125 = 0$$

- quadratic equation a)
- not quadratic equation

5) 
$$3 - 2u = u$$

- quadratic equation a)
- b) not quadratic equation

6) 
$$m(m-1) = 6$$

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

a) 
$$2 + \frac{1}{q} = 3x$$

b) 
$$g^2 - \frac{1}{g} = 5$$

c) 
$$g + \frac{1}{g^2} = 1$$

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

a) 
$$t^2 - t = 8$$

b) 
$$7t^3 - t = t^2 + 4$$

c) 
$$t(t+2) = 6$$

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## **Answer key**

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