

1.4 Evaluate, Simplify, and Solve OH MY!

NAME: _____ HOUR: _____

1. In your own words describe, what it means to EVALUATE in math?
2. In your own words describe, what it means to SIMPLIFY in math?
3. In your own words describe, what it means to SOLVE in Math?
4. Circle all the following that can be SOLVED?

$$3x + 3 - 4x^2 + 2x - 1$$

$$2(3 - 4)^2 + 2$$

$$3x - 1 = 7$$

$$-4x + 12 - 8, \text{ for } x = 1$$

$$2(-70y + 3) = 2y - 9$$

$$-75x^2 + 6x - 2 + 4x$$

$$-2 + \frac{5(3)^2}{3}$$

$$-8(x - 4) - 7, \text{ for } x = 13$$

$$\frac{2x}{3} - 9 = \frac{5}{3} - 7x$$

5. Circle all the following that can be EVALUATED?

$$3x + 3 - 4x^2 + 2x - 1$$

$$2(3 - 4)^2 + 2$$

$$3x - 1 = 7$$

$$-4x + 12 - 8, \text{ for } x = 1$$

$$2(-70y + 3) = 2y - 9$$

$$-75x^2 + 6x - 2 + 4x$$

$$-2 + \frac{5(3)^2}{3}$$

$$-8(x - 4) - 7, \text{ for } x = 13$$

$$\frac{2x}{3} - 9 = \frac{5}{3} - 7x$$

6. Circle all the following that can be SIMPLIFIED?

$$3x + 3 - 4x^2 + 2x - 1$$

$$2(3 - 4)^2 + 2$$

$$3x - 1 = 7$$

$$-4x + 12 - 8, \text{ for } x = 1$$

$$2(-70y + 3) = 2y - 9$$

$$-75x^2 + 6x - 2 + 4x$$

$$-2 + \frac{5(3)^2}{3}$$

$$-8(x - 4) - 7, \text{ for } x = 13$$

$$\frac{2x}{3} - 9 = \frac{5}{3} - 7x$$

7. Create two math questions that require SIMPLIFYING with instructions, and then SIMPLIFY them.

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8. Create two math questions that require EVALUATING with instructions, and then EVALUATE them.

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9. Create two math questions that require SOLVING with instructions, and then SOLVE them.

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