
Name

Math 2A
HW # 1-1

Period

1. Identify the equation that demonstrates the inverse property of addition:

a) $5 * \frac{1}{5} = 1$ (b) $5 + 0 = 5$ (c) $7 - 7 = 0$ (d) $0 * 8 = 0$

2. Identify the equation that demonstrates the identity property of addition:

a) $x * 1 = x$ (b) $2 + 1 = 3$ (c) $7 - 7 = 0$ (d) $0 * 8 = 0$

3. Identify the equation that demonstrates the identity property of multiplication:

a) $3y - 3y = 0$ (b) $5m + m = 6m$ (c) $5x * (1) = 5x$ (d) $a + b = b + a$

4. Identify the equations (two required) that demonstrates the inverse property of multiplication:

a) $0 \div 5 = 0$ (b) $12x * \frac{1}{12x} = 1$ (c) $5 * 0 = 0$ (d) $\frac{5m}{5m} = 1$

5. Does an expression have a solution? (Explain why or why not)

6. What is the difference between an “unknown value” and a “variable”?

7. Why is an expression NOT a mathematical statement?

8. What math symbols should you look for in order to identify a math statement?

9. Give an example of a trinomial:

10. What does it mean to say that two equations are equivalent?

11. Update your portfolio to include the vocabulary words covered in Lesson 1-1.

12. Update your portfolio to include the four mathematical properties we covered.