Student: _____	**Instructor:** courtney trabue	**Assignment:** MAT 097 Multiplication Property of Equality (92)
Date: _____	**Course:** GMC LSS Mathematics	
Time: _____	**Book:** Martin-Gay: Developmental Mathematics	

1. Solve the equation for x.

$9x = -36$

$x =$ ☐

2. Solve the equation for x.

$-x = 6$

$x =$ ☐

3. Solve the equation for x.

$\frac{7}{5}x = -14$

$x =$ ☐

4. Solve the equation.

$\frac{x}{8} = 3$

$x =$ ☐

(Simplify your answer.)

5. Solve the equation.

$4.8x = 33.12$

$x =$ ☐

(Type an integer or a decimal.)

6. Solve the equation for x.

$-x + 5 = 28$

$x =$ ☐

7. Solve the equation for x.

$-6 + 5x - 2 + 7x = -104$

$x =$ ☐

8. Solve the equation for x.

$$-0.1x + 0.2x + 7 = -6$$

$x =$ ☐

9. Solve the equation.

$$\frac{5}{6}d - \frac{1}{4} = \frac{1}{3}$$

$d =$ ☐
(Type an integer or a simplified fraction.)

10. Solve the equation.

$$2(5x + 7) = -15 + 9$$

$x =$ ☐
(Simplify your answer.)

11. Solve the equation.

$$4x - 8 = 40x + 19$$

$x =$ ☐
(Type an integer or a simplified fraction.)

12. Solve the equation.

$$56 = 7k$$

$k =$ ☐
(Type an integer or a simplified fraction.)

13. Solve the equation for x.

$$3x + 3 = 15$$

$x =$ ☐

14. Solve the equation for z.

$$3z - z = 8z - 6 - 4z$$

$z =$ ☐ (Type an integer or a simplified fraction.)

15. If x represents the first of three consecutive even integers, express the sum of the three integers in terms of x.

The answer is ☐. (Simplify your answer.)

16. If x is the first of three consecutive even integers, express the sum of the second even integer and the third even integer as an algebraic expression containing the variable x.

The answer is ☐. (Simplify your answer.)

17. Classrooms on one side of thedrama building are all numbered with consecutiveeven integers. If the first room on this side of the building is numbered, write an expression my for the sum of the first seven classroom numbers in a row. Then simplify this expression.

The sum of the first seven classroom numbers in a row is ☐.