

# Solving Equations Guided Notes

Notes:

Reflexive Property		
Symmetrical Property		
Transitive Property		
Addition Property		
Subtraction Property		
Multiplication Property		
Division Property		
Substitution Property		
Distributive Property		

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Questions:

1. Solve the following equation for x

$$2x + 6 = 3x + 9$$

2. Solve the following equation for x

$$4(2x + 6) = 2(-4x - 10)$$

3. Solve the following equation for x

$$\frac{x + 4}{6} = 10$$

4. A restaurant charges \$9.95 for a large pizza with two toppings, and \$1.25 for each additional topping. John bought a pizza which cost him \$13.7. Find the number of toppings.