

NOTES: LESSON 2.2 – Solving 2-Step Equations w/ Algebra

+ Add - Subtract • Multiply / Divide

Learning Goal: I can solve an equation with only one variable and two steps.

Meta de Aprendizaje: Puedo resolver una ecuación con una sola variable y dos pasos.

Language Goal: I can describe in words the inverse operations used to solve the equation $2x + 4 = 10$.

Lenguaje Objetivo: Puedo explicar y escribir las operaciones inversas utilizadas para resolver la ecuación $2x + 4 = 10$.

Solve. Check your solutions.

$$6x + 10 = 28$$

Ops	Inverse

$$-20 + 10m = 40$$

Ops	Inverse

Solution: _____

Check:

Solution: _____

Check:

Solve. Check your solutions.

$$2x - 7 = 11$$

Ops	Inverse

$$20 + 3w = 32$$

Ops	Inverse

Solution: _____

Check:

Solution: _____

Check:

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Solve. Check your solutions.

$$4 + \frac{d}{9} = 5$$

Ops	Inverse

$$2 = \frac{r}{3} - 6$$

Ops	Inverse

Solution: _____

Check:

Solution: _____

Check:

Solve. Check your solutions.

$$\frac{x}{5} - 3 = 8$$

Ops	Inverse

$$4 + \frac{c}{7} = 9$$

Ops	Inverse

Solution: _____

Check:

Solution: _____

Check:

Essential Questions:

1. Describe the inverse operations used to solve the equation $2x + 5 = 10$.
Describir las operaciones inversas utilizados para resolver la ecuación $2x + 5 = 10$.
