Unique Solutions

Today's Learning Targets:

2.5 I can solve an equation with one solution, no solution, and infinitely many solutions

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Try to solve these, what happens?

$$4m - 4 = 4m$$

$$p - 4 = -9 + p$$

Solve algebraically:

$$y + 6 - 2y = 6 - y$$

When an equation is identical on both sides it is called an _____.

It is also known as
"_____ _____ _____".

Solve algebraically:

$$-3x + 5 = -3(x + 1)$$

When an equation is _____ identical on both sides it is called "___ _____".

Solve:

$$4(2x - 5) = 8x - 20$$

1. Distribute
2. Add Like Terms
3. Variable to One Side
4. Solve

Solve.

$$9x - 5 = 3x + 6x + 8$$

1. Distribute
2. Add Like Terms
3. Variable to One Side
4. Solve

Solve.

$$5x + 6 + 3x = 2(4x + 3)$$

1. Distribute
2. Add Like Terms
3. Variable to One Side
4. Solve