

Math Warm Up

<p>Monday</p> <p>Read each question carefully.</p> <p>AZ-8.EE.C.7a Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form $x = a$, $a = a$, or $a = b$ results (where a and b are different numbers). [From cluster: Understand the connections between proportional relationships, lines, and linear equations]</p> <p>1) Which equation has exactly one solution?</p> <p>A) $n - 2n + 1 = 2n - 3n - 1$</p> <p>B) $2n - n = 2n - 3n$</p> <p>C) $1 - n - 2n = 1 - 2n - n$</p> <p>D) $n - (1 - 2n) = 2n + (n - 1)$</p>	<p>My Thinking</p>	<p>Correct/Compare</p>
<p>BONUS- If extra time then complete</p> <p>2) Which step is the first <i>incorrect</i> step in the solution shown below?</p> <p>Solve: $6(x + 1) = -5x + 14$</p> <p>Step 1: $6x + 6 = -5x + 14$ Step 2: $11x + 6 = 14$ Step 3: $11x = 8$ Step 4: $x = -3$</p> <p>A) Step 1</p> <p>B) Step 2</p> <p>C) Step 3</p> <p>D) Step 4</p>	<p>My Thinking</p>	<p>Correct/Compare</p>
<p>Wednesday</p> <p>3) Which step is the first <i>incorrect</i> step in the solution shown below?</p> <p>Solve: $2(x + 2) = 6x - 12$</p> <p>Step 1: $2x + 4 = 6x - 12$ Step 2: $-4x - 2 = 12$ Step 3: $-4x = 10$ Step 4: $x = -2.5$</p> <p>A) Step 1</p> <p>B) Step 2</p> <p>C) Step 3</p> <p>D) Step 4</p>	<p>My Thinking</p>	<p>Correct/Compare</p>

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Thursday	My Thinking	Correct/Compare
<p>4) Which step is the first <i>incorrect</i> step in the solution shown below?</p> <p>Solve: $5(x + 2) = 6x + 12$</p> <p>Step 1: $5x + 2 = 6x + 12$ Step 2: $-x + 2 = 12$ Step 3: $-x = 10$ Step 4: $x = -10$</p> <p>A) Step 1 B) Step 2 C) Step 3 D) Step 4</p>		
Friday	My Thinking	Correct/Compare
<p>5) Which step is the first <i>incorrect</i> step in the solution shown below?</p> <p>Solve: $3(x + 2) = 6x + 12$</p> <p>Step 1: $3x + 6 = 6x + 12$ Step 2: $-3x + 6 = 12$ Step 3: $-3x = 18$ Step 4: $x = -6$</p> <p>A) Step 1 B) Step 2 C) Step 3 D) Step 4</p>		