

MTH 5 Third Class Meeting Plan
Section 1.3 Linear Equations and Sections 2.1 – 2.3 Linear Inequalities

Practice problems for Section 1.3 Linear equations:

1. solve $3x - (x-3) = 2(x+1) + 2$ Answer: no solutions
2. solve $3(x-1) = 3x - 5 + 2$ Answer: infinitely many solutions (identity)

Practice problems for Sections 2.1 – 2.3:

3. Choose the graph that represents the inequality $x \leq \frac{1}{2}$
4. Choose the graph that represents the inequality $a < 7$

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5. Solve the inequality $3x < 7x - 28$ and graph its solution
 6. Solve the inequality $9(x+3) \geq 4x - 3$ and graph its solution

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7. Solve compound inequality $-46 < -4 + 7(x-3) < -11$ and graph its solution
 8. Solve compound inequality $2x+7 < 21$ and $x-3 \leq -5$. Graph its solution.

Kahoot! Quiz

More Practice:

1. Solve the inequality $\frac{3}{7}x+6 \geq \frac{-12}{7}x-9$ and graph its solution