**Mini Lesson #2 – Solving 1 and 2-Step Inequalities (Math 7 –Unit 3)**

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| Complete Check This Out Activity, then record results here:   |  |  |  |  | | --- | --- | --- | --- | | When you add or subtract a… | | When you multiply or divide an… | | | POSITIVE (+) number in an inequality… | NEGATIVE (-) number to/from an inequality, | an inequality by a POSTIVE (+) number, | an inequality by a NEGATIVE (-) number, |   **Steps to solve an inequality**:   1. Solve like any other 1- or 2-step equation 2. Apply sign rule |
| Solve and graph each inequality.   |  |  | | --- | --- | | Ex 1 | Ex2 | | Ex 3 5a > 55 | Ex 4 -2m ≤ 34 |   Ex 5 ≥ 4 Ex 6 -4y + 6 < 10 |

Practice for Unit 3 - ML #2 (math 7)

Solve each inequality. Graph the solution.

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| 1) y – 8 ≤ -14 | 2) m + 9 > -3 | 3) c + 9 > 20 | 4) r – 58 < -109 |
| 5) | 6) < 3 | 7) -12y ≤ -60 | 8) 4x > -40 |
| 9) -9 > - + 6 | 10) | 11) 6 - x > 3 | 12) 2(4 +-7) < -2n |