Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

Exponential Functions Learning Targets Formative Scores: #1:\_\_\_\_\_ #2:\_\_\_\_\_ #3:\_\_\_\_\_ #4:\_\_\_\_\_ #5:\_\_\_\_\_ #6:\_\_\_\_\_

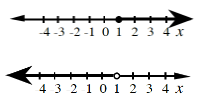
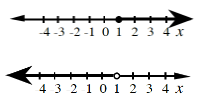
HW #6

**Learning Target #1:** “I can apply the rules of exponents.” N-RN.1, N-RN.2

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| --- | --- | --- | --- |
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|  |  |  |  |

1. Write 3 different exponential expression that simplify to .
   1. Involving Multiplication:
   2. Involving Division:
   3. Involving a Power of a power (Grouping):
2. Explain the difference between and

Review Inequalities:

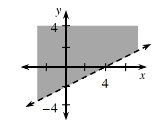
**Learning Target #2:** “I can create, solve, and graph inequalities in one variable.” A-CED.1, A-REI.3

1. Solve the linear inequality and graph the solution set. 2*x* − 5 > 3



**Learning Target #3:** “I can create, solve, and graph inequalities in two variables.” A-REI.12

1. Write the linear inequality that is represented by this graph.



**Learning Target #4:** “I can graph the solution set to a system of linear inequalities in two variables.” A-REI.12

1. Graph this linear system of inequalities. Be sure to only shade the solution region (the region that makes BOTH inequalities true).



Review Linear Functions:

1. Write the equation of the line that travels through the points