Inequalities and Functions Test Review

Front and Back!

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TB\_\_\_

1. Graph and make a table for the function y=3x



1. Graph and make a table for the function y=2x+2



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| --- | --- | --- | --- | --- | --- |
| **Input, *x*** | 2 | 4 | 6 | 8 |  |
| **Output, *y*** | 5 | 9 | 13 |  | 41 |

1. Figure out the function rule

and fill in the missing boxes.

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| --- | --- | --- | --- | --- | --- |
|  **Input, *x*** | 0 | 1 | 2 |  | 20 |
| **Output, *y*** | 0 | 3 | 6 | 24 |  |

1. True or False 9+y > 14 if y=5\_\_\_\_\_
2. True or False e/6 ≤ 4 if t=30 \_\_\_\_\_
3. Write an inequality for the sentence: Steph made more than 5 baskets\_\_\_\_
4. Write an inequality for the sentence: Taylor wrote at least 3 songs daily\_\_\_
5. Graph the inequality on a number line p ≥ 1

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1. Graph the inequality on a number line y > -6

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1. Solve the inequality and graph the solution on a number line: d-7>10

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1. Solve the inequality and graph the solution on a number line: 9p<54

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1. Solve the inequality, and graph the solution on a number line: $\frac{j}{6}$ ≤ 12

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