What Numbers Work

# Inequality: *x* < 5

| Works | Doesn’t Work |
| --- | --- |
|  |  |
|  |  |

Show the numbers that work on the number line.

****

Why do certain numbers not work?

# Inequality: 7 ≤ *x*

| Works | Doesn’t Work |
| --- | --- |
|  |  |
|  |  |

Show the numbers that work on the number line.

****

Why do certain numbers not work?

# Inequality: *x* + 2 ≥ 6

| Works | Doesn’t Work |
| --- | --- |
|  |  |
|  |  |

Show the numbers that work on the number line.

****

Why do certain numbers not work?

# Inequality: *x* – 4 ≤ 11

| Works | Doesn’t Work |
| --- | --- |
|  |  |
|  |  |

Show the numbers that work on the number line.

****

Why do certain numbers not work?

# My Rules for Graphing Inequalities:

# Additional Rules for Graphing Inequalities: