What numbers work? (seventh Grade)

# Inequality: x < 5

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

Show the numbers that work on the number line.

**A close up of a antenna

Description automatically generated**

Why do certain numbers not fit?

# Inequality: x ≥ 7

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

Show the numbers that work on the number line.

**A close up of a antenna

Description automatically generated**

Why do certain numbers not fit?

# Inequality: x + 2 ≥ 6

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

Show the numbers that work on the number line.

**A close up of a antenna

Description automatically generated**

Why do certain numbers not fit?

# Inequality: x - 4 ≤ 11

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

Show the numbers that work on the number line.

**A close up of a antenna

Description automatically generated**

Why do certain numbers not fit?

**My Rules for Graphing Inequalities:**

|  |
| --- |
|  |

**Additional Rules for Graphing Inequalities:**

|  |
| --- |
|  |