**Inequalities (F)**

Post-Intervention Assessment

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

Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- |
| **Question** | **Objective** | **RAG** |
|  1 | Represent a set of solutions on a number line |  |
|  2 | Solve linear inequalities |  |
|  3 | Represent linear inequalities graphically |   |

**1.** –4 < *n* ≤ 1

*n* is an integer.

(a) Write down all the possible values of *n*.

…........................................................

(b) Write down the inequalities represented on the number line.



…........................................................

**2**. Solve 5*x* + 3 > 19

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**3**. On the grid below, show by shading, the region defined by the inequalities

*x* + *y* < 6                               *x* > − 1                               *y* > 2

Mark this region with the letter R.



[Glue here]