Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ P \_\_\_\_\_\_\_

Algebra Q1 Review

Show your work on your own paper if needed. Answers MUST be on worksheet

#’s 1-4 Solving Multi-step Equations

|  |  |
| --- | --- |
| 1) | 2) |
| 3) | 4) |

Solving Absolute Value Equations. Give answers in a solution set.

|  |  |
| --- | --- |
| 5) | 6) |

Solving Multi-Step Inequalities. Solve and Graph

|  |  |
| --- | --- |
| 7) | 8) |

Solving Compound Inequalities. Solve and Graph

|  |  |
| --- | --- |
| 9) | 10) |

Solving Absolute Value Inequalities. Solve and Graph

|  |  |
| --- | --- |
| 11) | 12) |
| 13) |  |

Literal Equations (solve for the given variable)

|  |  |
| --- | --- |
| 14) | 15) |

Functions / Function Notation

|  |  |
| --- | --- |
| 16)  Express the relation as a graph and mapping. Then state the domain & range.  (3, -2) (1, 3) (-2, -2) (4, 1)  Is this a function? Explain. | 17)  If    find |

On each blank, write (R) for Rational and (IR) for Irrational. Then, give a reason for each one.

18) \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18) \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20) \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21) \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

22) \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_