Algebra 1b- Mrs. Tilus Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 6- Part 1 Review: Parallel/Perpendicular Lines and Systems of Equations

Are the line parallel, perpendicular, or neither?

1. 2. 3.

4. 5. 6.

7. Which of the following lines is **parallel** to ?

A.) B.) +6 C.) D.)

8. Which of the following lines is **perpendicular** to ?

A.) B.) C.) D.)

9. The line is **perpendicular** to which line?

A.) B.) C.) D.)

10. Fill in the chart

|  |  |  |
| --- | --- | --- |
| **Type of Solution** | **What is looks like using Elimination/Substitution** | **What is look like using Graphing** |
|  |  |  |
|  |  |  |
|  |  |  |

*A.REI.C.6 – I can Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables.*

Solve the system of equations using **substitution.**

10.) 11.)

Solve the system of equations using **elimination.**

12.)  13.)

14.) 15.)

Solve the system of equations using **any** method.

16.)17.)

Solve the system of equations by using **graphing**.

18.) 19.)

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20.) 21.)

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