**8.F.A.1** NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FUNCTION OR NOT A FUNCTION #1**

1.) { ( - 3, 6 ), ( 3, 6 ), ( 1, 4 ), ( -2, 5 ) }

Does this relation represent a function?

Why or why not?

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2.) { ( - 6, 2 ), ( - 8, 0 ), ( - 7, 1 ), ( - 6, - 2 ) }

Does this relation represent a function?

Why or why not?

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3.) { ( - 5, - 3 ), ( - 3, - 5 ), ( - 5, - 7 ), ( -7, -5 ) }

Does this relation represent a function?

Why or why not?

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4.) { ( 0, - 3 ), ( 2, 5 ), ( 1, - 2 ), ( - 1, - 4 ) }

Does this relation represent a function?

Why or why not?

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5.) Make a table of values and graph the function y = 3x + 6

|  |  |
| --- | --- |
| **x** | **y** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

6.) Make a table of values and graph the function y = -x + 5

|  |  |
| --- | --- |
| **x** | **y** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

7.) Function or Not a Function

 Why or Why Not?

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8.) Function or Not a Function

 Why or Why Not?

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9.) Function or Not a Function

 Why or Why Not?

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10.) Does the relation represent a function?

 Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 11.) Does the relation represent a function?

 Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 12.) Does the relation represent a function?

 Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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