Analyzing Relations Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graph and analyze each of the following

1. 

|  |  |
| --- | --- |
| **X** | **y** |
| -4 | 0 |
| -2 | 2 |
| 2 | 4 |
| 4 | 6 |
| 6 | 8 |
| 8 | 10 |

Discrete or continuous?\_\_\_\_\_\_\_\_\_\_\_\_

Linear vs non-linear? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

X intercept? \_\_\_\_\_\_\_\_\_\_

Y intercept? \_\_\_\_\_\_\_\_\_\_

Domain? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Function (yes or no)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 

|  |  |
| --- | --- |
| **X** | **y** |
| -3 | 9 |
| -2 | 4 |
| -1 | 1 |
| 0 | 0 |
| 1 | 1 |
| 2 | 4 |
| 3 | 9 |

Discrete or continuous?\_\_\_\_\_\_\_\_\_\_\_\_

Linear vs non-linear? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

X intercept? \_\_\_\_\_\_\_\_

Y intercept? \_\_\_\_\_\_\_\_

Domain? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Function (yes or no)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graph and analyze each of the following

1. $y=2x-4$

|  |  |
| --- | --- |
| **X** | **y** |
| -2 |  |
| 0 |  |
| 2 |  |
|  |  |
|  |  |

Discrete or continuous?\_\_\_\_\_\_\_\_\_\_\_\_

Linear vs non-linear? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

X intercept? \_\_\_\_\_\_\_

Y intercept? \_\_\_\_\_\_\_

Domain? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Range ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Function (yes or no)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. $2x+y=6$

|  |  |
| --- | --- |
| **X** | **y** |
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |

Discrete or continuous?\_\_\_\_\_\_\_\_\_\_\_\_

Linear vs non-linear? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

X intercept? \_\_\_\_\_\_\_\_\_\_

Y intercept? \_\_\_\_\_\_\_\_\_\_

Domain? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Range ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Function (yes or no)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_