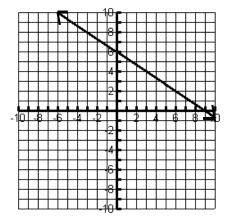
GSE Algebra I Characteristics of Linears HW



1. Domain:

Range:

| Max:           | Min:     |
|----------------|----------|
| X-Int:         | Y-Int:   |
| y > 0:         |          |
| y < 0:         |          |
| Interval of in | ncrease: |

Interval of decrease: Constant Interval:

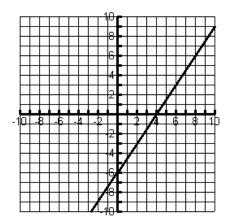
|          |          |      |     |             | _ |    |          |     |                  |
|----------|----------|------|-----|-------------|---|----|----------|-----|------------------|
|          |          |      |     | 5           |   |    |          |     |                  |
|          |          |      |     | 4           | _ |    |          |     |                  |
|          |          |      |     | -           |   |    |          |     |                  |
|          | _        |      |     | 3           |   |    |          |     |                  |
|          |          |      |     | -           |   |    |          |     |                  |
| $\vdash$ | <u> </u> |      |     | 2           | - |    | <u> </u> |     | $\vdash$         |
|          |          |      |     |             |   |    |          |     |                  |
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|          |          |      |     |             |   |    |          |     |                  |
| F        | ĥ -      | 6    | h   | 1           |   |    |          | 6   |                  |
| 5 -      | 4 -      | в -: | 2 - | 1           | , | 2  | 2 3      |     | 5                |
| 5 -      | 4 -      | 3 -: | 2 - | 1           | - | 2  | 2 3      | 3 - |                  |
| 5 -      | 4 -:     | 3 -: | 2 - | 1           | - | 2  | 2 3      | 3 - | 5                |
| 5 -      | 4 -      | 3 -: | 2 - | 1<br>1<br>2 |   | 2  | 2 3      | 3 4 | 5                |
| ·5 ·     | 4 -      | 3 -  | 2 - | 1           |   |    |          | 8 - | 5                |
| 5 -      | 4 -      | 3 -: | 2 - | 1           |   | 2  | 2 3      | 3 / | 5                |
| 5 -      | 4 -:     | 3 -: | 2 - | 1-1-2-3-4   |   |    | 2 3      | 3 - | 5                |
|          | 4 -      | 3 -: | 2 - | 1<br>       |   |    | 2 3      | 3 4 |                  |

- 3. Domain:
  - Range:
  - Max:
  - Min:
  - X-Intercept:

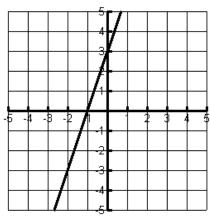
Y-Intercept:

y > 0:

- y < 0:
- Interval of increase:
- Interval of decrease:
- Constant Interval:

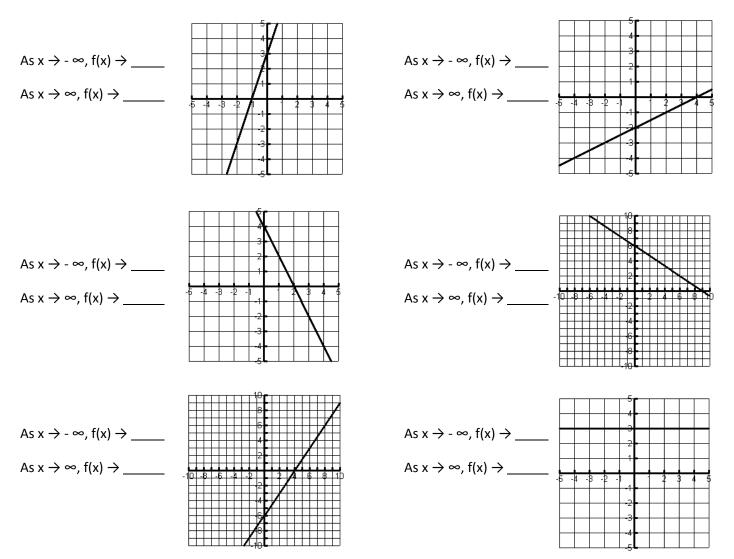


2. Domain:
Range:
Max: Min:
X-Int: Y-Int:
y > 0:
y < 0:</li>
Interval of increase:
Interval of decrease:
Constant interval:



- 4. Domain: Range: Max: Min: X-Intercept:
  - Y-Intercept:
  - y > 0:
  - y < 0: Interval of increase: Interval of decrease:
  - Constant interval:

## Find the end behavior for the following graphs.



## Find and describe the characteristics of the graph below in context.

Every morning Tom walks along a straight road from his home to a bus stop, a distance of 160 meters. The graph shows his journey on one particular day. Domain: Range: 200 180 16 X-Int: 14 12 Distance from Y-Int: home in meters Max: Min: 10 20 30 40 50 60 70 80 90 100 110 120 Time in seconds Y > 0: Interval(s) of Increase:

Interval(s) of Decrease:

Constant Interval(s):