Foundations of Algebra Name:
Unit 6 – Quiz 2 Review Part Two

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| --- | --- |
| Image result for graph of a linear function | Image result for graph of a linear function |
| Slope: \_\_\_\_\_\_\_X-Intercept: \_\_\_\_\_\_Increasing: \_\_\_\_\_\_\_Decreasing: \_\_\_\_\_\_Constant: \_\_\_\_\_\_\_ | Y-Intercept: \_\_\_\_\_\_\_Domain: \_\_\_\_\_\_\_Range: \_\_\_\_\_\_\_Positive: \_\_\_\_\_\_\_Negative: \_\_\_\_\_\_\_ | Slope: \_\_\_\_\_\_\_X-Intercept: \_\_\_\_\_\_Increasing: \_\_\_\_\_\_\_Decreasing: \_\_\_\_\_\_Constant: \_\_\_\_\_\_\_ | Y-Intercept: \_\_\_\_\_\_\_Domain: \_\_\_\_\_\_\_Range: \_\_\_\_\_\_\_Positive: \_\_\_\_\_\_\_Negative: \_\_\_\_\_\_\_ |
| As $x\rightarrow -\infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_As $x\rightarrow \infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_ | As $x\rightarrow -\infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_As $x\rightarrow \infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_ |
|  | Image result for graph of a linear function |
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| As $x\rightarrow -\infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_As $x\rightarrow \infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_ | As $x\rightarrow -\infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_As $x\rightarrow \infty , f\left(x\right)\rightarrow $ \_\_\_\_\_\_\_ |

Find the slope and y-intercept of the following representations. Then, write the equation in slope intercept form.

 

 

Convert the following to slope-intercept form. Then, identify the slope and y-intercept.

$2x-3y=15$ $-2x+4y=8$ $5x-7y=-14$