

Day 4 - Characteristics of Functions

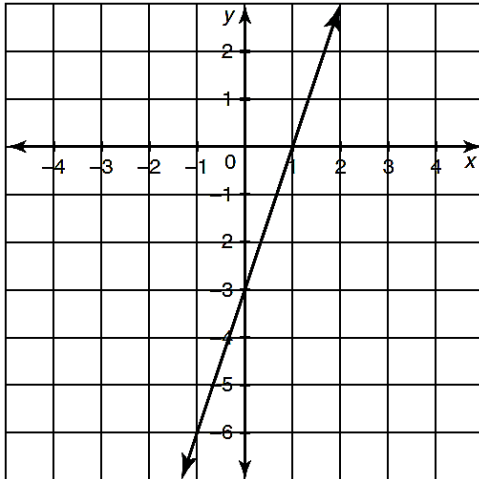
Name: _____

Class Practice

Date: _____ Block: _____

Determine the equation for each graph. Then identify all of the characteristics listed for the following graphs.

1. Equation: _____



Domain:

Range:

X-Intercept:

Y-Intercept:

Zeros:

Int. of Increase:

Int. of Decrease:

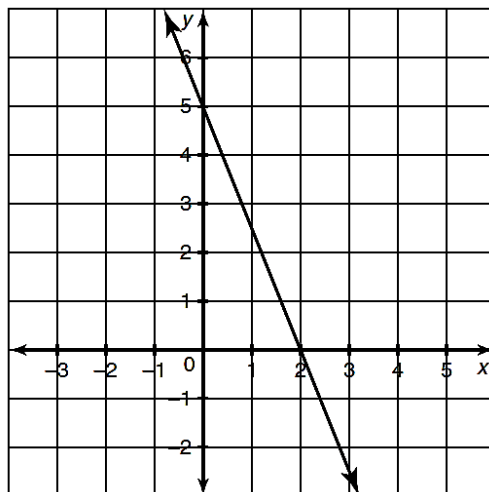
Constant:

Maximum:

Minimum:

End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____As $x \rightarrow \infty$, $f(x) \rightarrow$ _____

2. Equation: _____



Domain:

Range:

X-Intercept:

Y-Intercept:

Zeros:

Int. of Increase:

Int. of Decrease:

Constant:

Maximum:

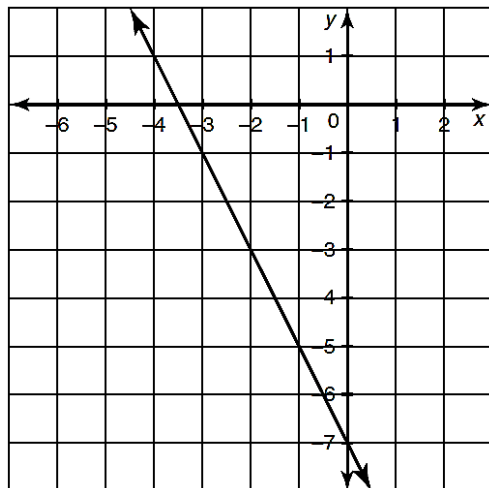
Minimum:

End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____As $x \rightarrow \infty$, $f(x) \rightarrow$ _____

3. Equation: _____

Domain: _____

Range: _____



X-Intercept: _____

Y-Intercept: _____

Zeros: _____

Int. of Increase: _____

Int. of Decrease: _____

Constant: _____

Maximum: _____

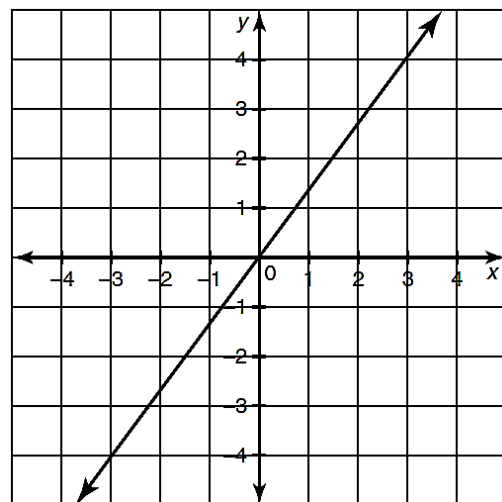
Minimum: _____

End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____As $x \rightarrow \infty$, $f(x) \rightarrow$ _____

4. Equation: _____

Domain: _____

Range: _____



X-Intercept: _____

Y-Intercept: _____

Zeros: _____

Int. of Increase: _____

Int. of Decrease: _____

Constant: _____

Maximum: _____

Minimum: _____

End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____As $x \rightarrow \infty$, $f(x) \rightarrow$ _____