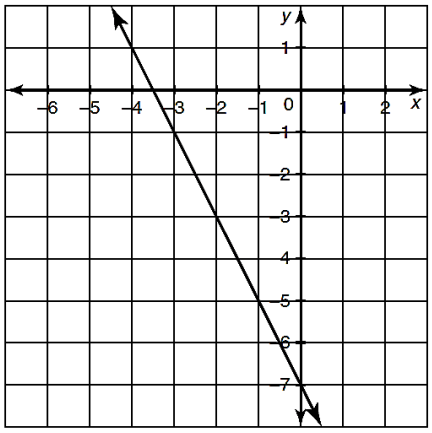
Day 8 - Characteristics of Functions Name:_____

Practice Assignment Date:_____ Block:_____

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

1.

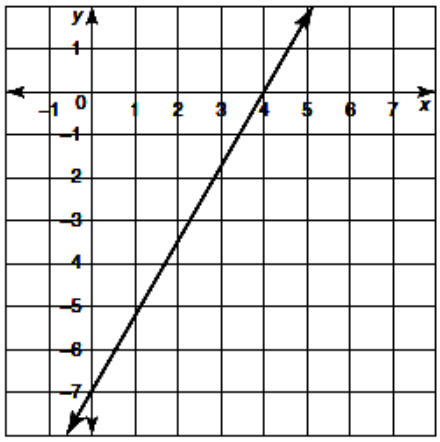


Positive: Negative:

End Behavior: As x → -∞, f(x) → _____

As x → ∞, f(x) → _____

2.

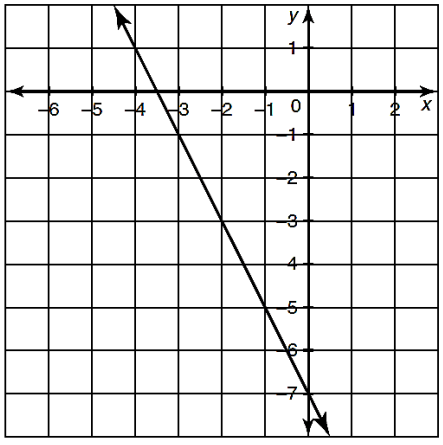


Positive: Negative:

End Behavior: As x → -∞, f(x) → _____

As x → ∞, f(x) → _____

3.

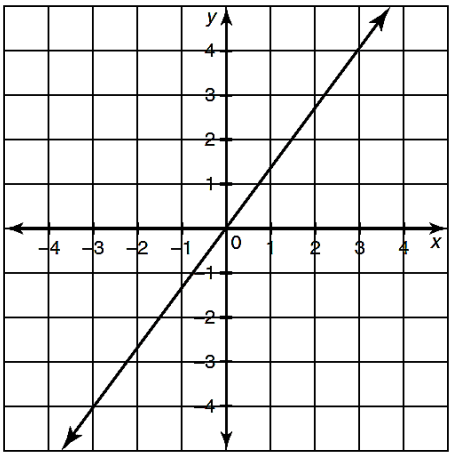


Positive: Negative:

End Behavior: As x → -∞, f(x) → _____

As x → ∞, f(x) → _____

4.



Domain: Range:

X-Intercept: Y-Intercept: Zeros:

Int. of Increase: Int. of Decrease: Constant:

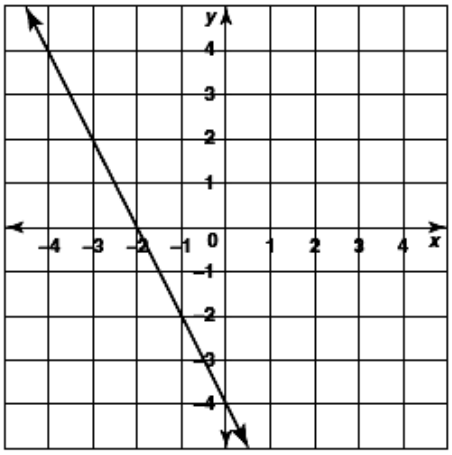
Maximum: Minimum:

Positive: Negative:

End Behavior: As x → -∞, f(x) → _____

As x → ∞, f(x) → _____

5.



Domain: Range:

X-Intercept: Y-Intercept: Zeros:

Int. of Increase: Int. of Decrease: Constant:

Maximum: Minimum:

Positive: Negative:

End Behavior: As x → -∞, f(x) → _____

As x → ∞, f(x) → _____