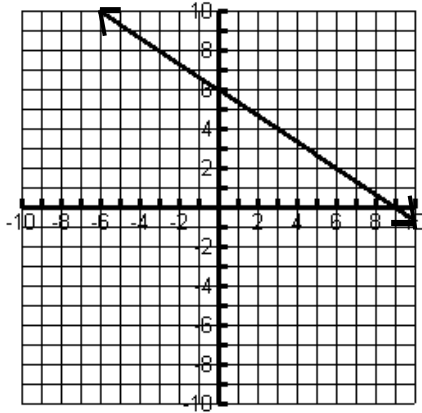
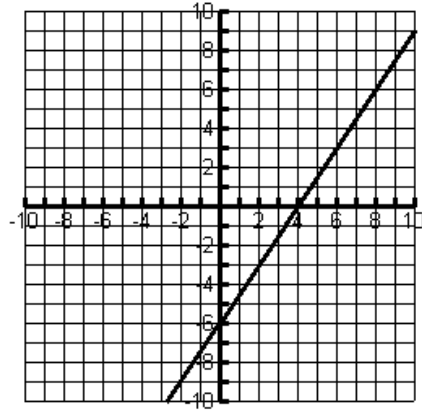


GSE Algebra I
 Characteristics of Linears HW

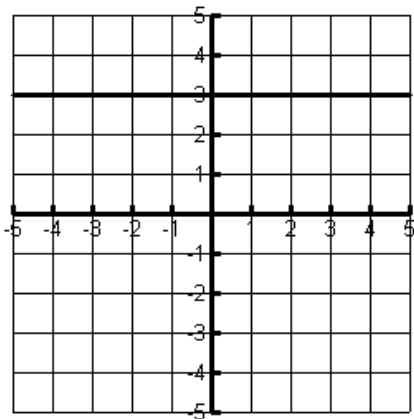
Name _____



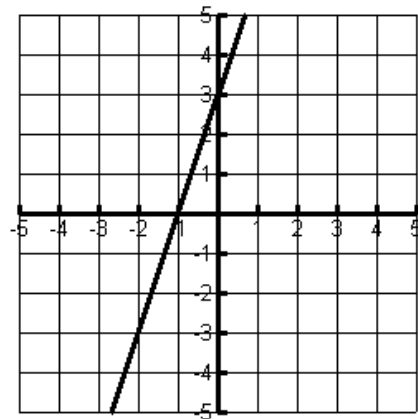
- Domain:
 Range:
 Max: Min:
 X-Int: Y-Int:
 $y > 0$:
 $y < 0$:
 Interval of increase:
 Interval of decrease:
 Constant Interval:



- Domain:
 Range:
 Max: Min:
 X-Int: Y-Int:
 $y > 0$:
 $y < 0$:
 Interval of increase:
 Interval of decrease:
 Constant interval:



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

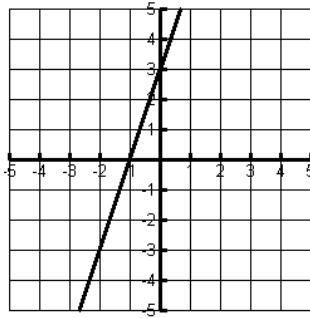


- Domain:
 Range:
 Max:
 Min:
 X-Intercept:
 Y-Intercept:
 $y > 0$:
 $y < 0$:
 Interval of increase:
 Interval of decrease:
 Constant interval:

Find the end behavior for the following graphs.

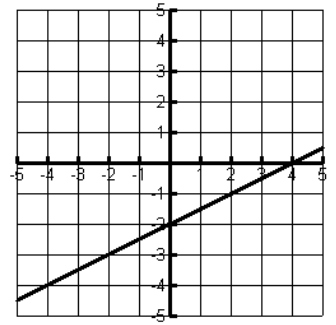
As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____

As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



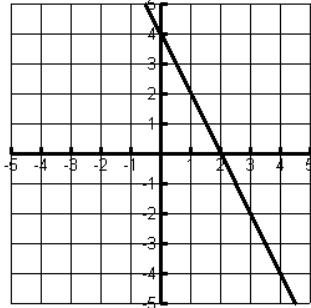
As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____

As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



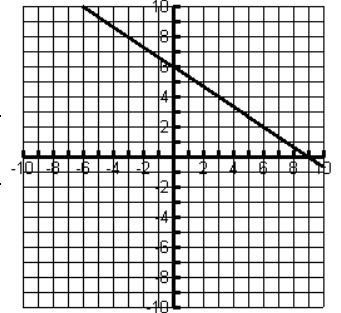
As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____

As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



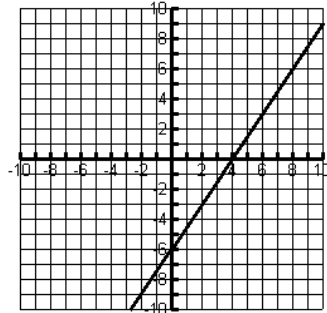
As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____

As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



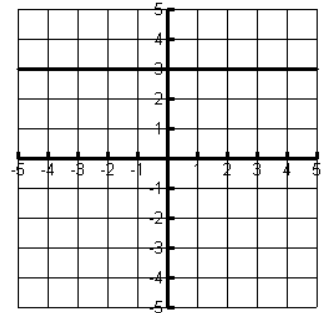
As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____

As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____

As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



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

Domain:

Range:

X-Int:

Y-Int:

Max:

Min:

$Y > 0$:

Interval(s) of Increase:

Interval(s) of Decrease:

Constant Interval(s):

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.

