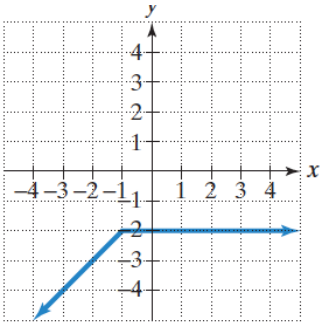


Name: _____ Period: _____ Date: _____

Mrs. Daniel- Algebra 1
Key Features of Graphs

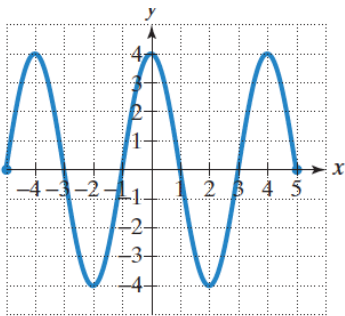
In Exercises 1-5, use the graph to determine:

1.



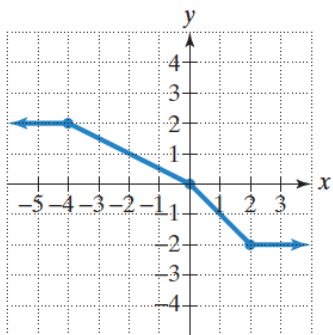
- a) Domain: _____ b) Range: _____
 c) Increasing interval(s): _____
 d) Decreasing interval(s): _____
 e) Constant interval(s): _____
 f) x-intercept(s): _____ g) y-intercept: _____
 h) Intervals where f is
 Negative: _____ Positive: _____
 Zero: _____

2.

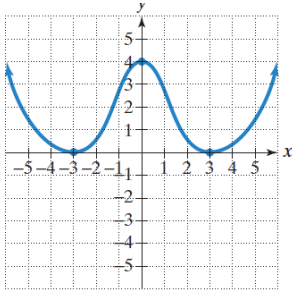


- a) Domain: _____ b) Range: _____
 c) Turning point(s):
 Maximum(s): _____ Minimum(s): _____
 d) Increasing interval(s): _____
 e) Decreasing interval(s): _____
 f) Constant interval(s): _____
 g) x-intercept(s): _____ h) y-intercept: _____
 i) Intervals where f is
 Negative: _____ Positive: _____
 Zero: _____

3.

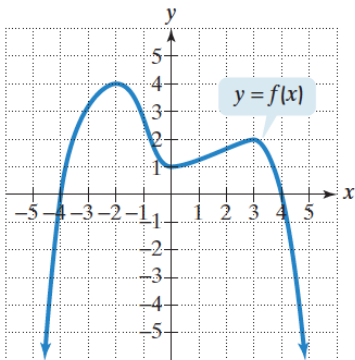


- a) Domain: _____ b) Range: _____
 c) Increasing interval(s): _____
 d) Decreasing interval(s): _____
 e) Constant interval(s): _____
 f) x-intercept(s): _____
 g) y-intercept: _____
 h) Intervals where f is
 Negative: _____ Positive: _____
 Zero: _____



4. a) Domain: _____
- b) Range: _____
- c) Turning point(s):
 Maximum(s): _____ Minimum(s): _____
- d) Increasing interval(s): _____
- e) Decreasing interval(s): _____
- f) Constant interval(s): _____
- g) x-intercept(s): _____
- h) y-intercept: _____
- i) Intervals where f is
 Negative: _____
 Positive: _____
 Zero: _____

5. Use the graph of f to determine each of the following. Where applicable, use interval notation.



- a) Domain: _____ b) Range: _____
- c) Turning point(s):
 Maximum(s): _____
 Minimum(s): _____
- d) Increasing interval(s): _____
- e) Decreasing interval(s): _____
- f) Constant interval(s): _____
- g) x-intercept(s): _____ h) y-intercept: _____
- i) Intervals where f is
 Negative: _____ Positive: _____
 Zero: _____