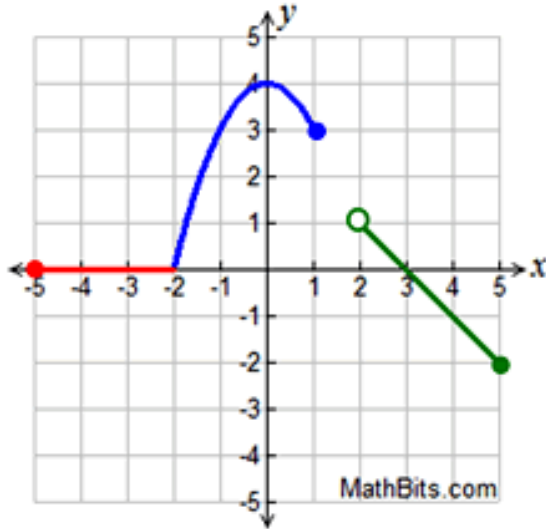


SM2 Unit 4A Extra Practice

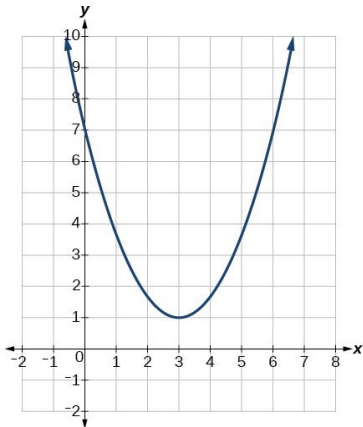
4.1- Identify the properties for each graph.

1)



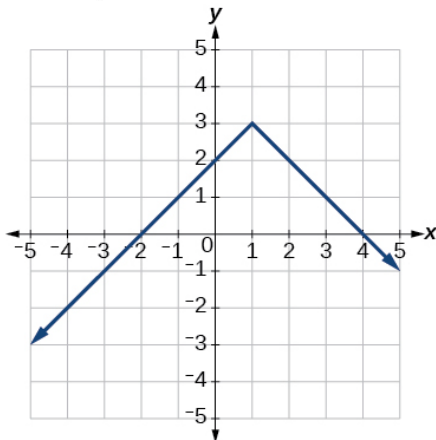
Domain: _____
 Range: _____
 Relative Maxima: _____
 Relative Minima: _____
 Increasing: _____
 Decreasing: _____
 x-intercept(s): _____
 Positive: _____
 Negative: _____
 y-intercept: _____

2)



Domain: _____
 Range: _____
 Relative Maxima: _____
 Relative Minima: _____
 Increasing: _____
 Decreasing: _____
 Roots: _____
 Positive: _____
 Negative: _____
 y-intercept: _____

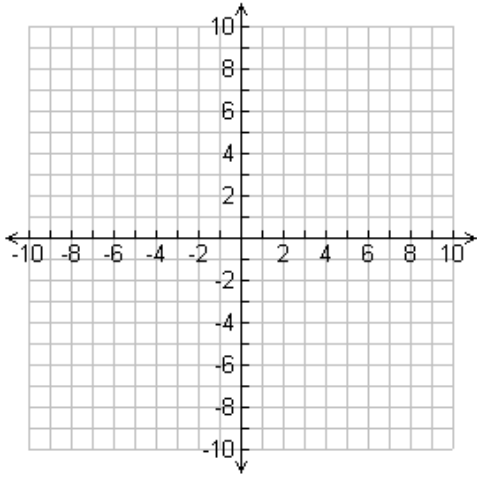
3)



Domain: _____
 Range: _____
 Relative Maxima: _____
 Relative Minima: _____
 Increasing: _____
 Decreasing: _____
 x-intercept(s): _____
 Positive: _____
 Negative: _____
 y-intercept: _____

4.2- Graph each of the following by making a table of values.

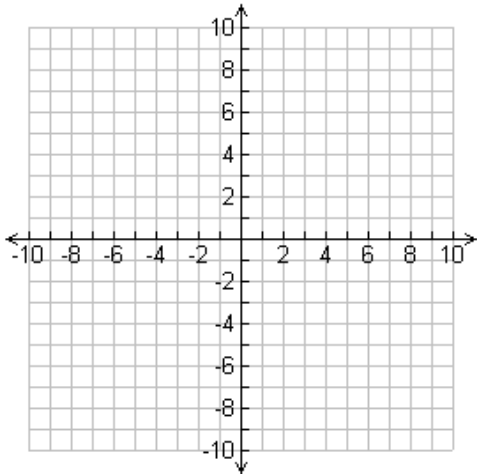
4) $f(x) = 7x^2 - 8$



x	y

- Domain: _____
- Range: _____
- Relative Maxima: _____
- Relative Minima: _____
- Increasing: _____
- Decreasing: _____
- Roots: _____
- Positive: _____
- Negative: _____
- y-intercept: _____

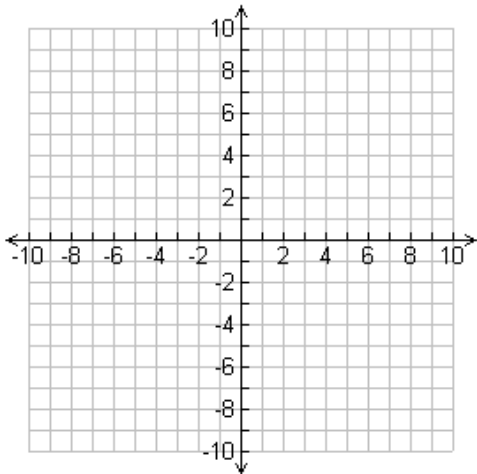
5) $g(x) = -|x + 6|$



x	y

- Domain: _____
- Range: _____
- Relative Maxima: _____
- Relative Minima: _____
- Increasing: _____
- Decreasing: _____
- x-intercept(s): _____
- Positive: _____
- Negative: _____
- y-intercept: _____

6) $f(x) = -4x + 1$



x	y

- Domain: _____
- Range: _____
- Relative Maxima: _____
- Relative Minima: _____
- Increasing: _____
- Decreasing: _____
- Roots: _____
- Positive: _____
- Negative: _____
- y-intercept: _____