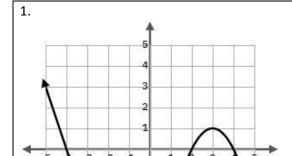
For numbers 1 and 2, state the domain, range, the x-intercept(s), and the intervals on which the function is positive or negative and increasing or decreasing or constant.



Domain: \_\_\_\_\_

Range:

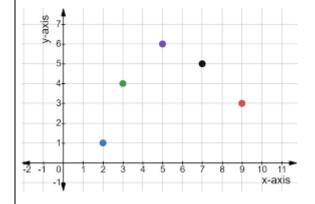
Zeros/x-intercepts:

Positive: \_\_\_\_\_

Negative: \_\_\_\_\_

Increasing:

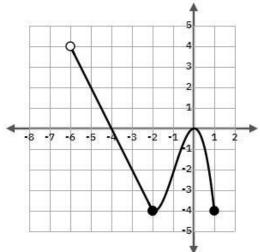
Decreasing:



Domain: \_\_\_\_\_

Range: \_\_\_\_\_

2.



Domain: \_\_\_\_\_

Range:

Zeros/x-intercepts: \_\_\_\_\_

Positive: \_\_\_\_\_

Negative:

Increasing: \_\_\_\_\_

Decreasing: \_\_\_\_\_

Constant:

4. Decide whether the following represents a function. Then list the domain and range. {(-3, 1); (2, 5); (5, 1); (-1, -6); (0, 4)}

Domain: \_\_\_\_\_

Range: \_\_\_\_\_

 $\{(4, -3); (6, -4); (0, 5); (4, 1); (-2, 7)\}$ 

Domain: \_\_\_\_\_

Range: \_\_\_\_\_