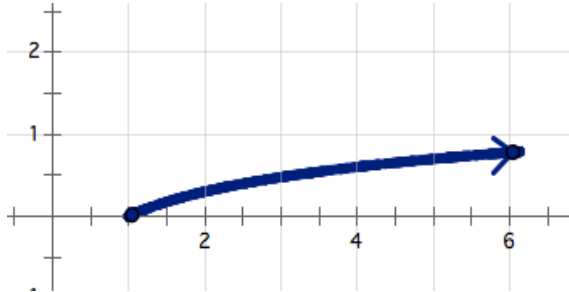


Topic: Determine domain and range and whether the relation is a function or not.

Determine if each set of ordered pairs is a function or not and then state the domain and range.

Determine the domain and range for each of the given functions.

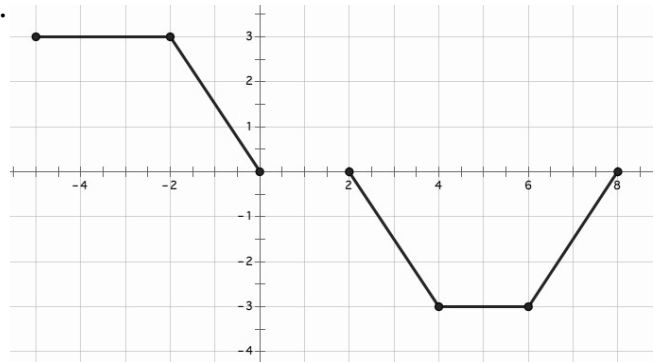
1.



Domain:

Range:

2.



Domain:

Range:

3. $f(x) = -2x + 7$

Domain:

Range:

4. $g(x) = 3(5)^x$

Domain:

Range:

5. The elements in the table define the entire function.

x	h(x)
1	9
2	98
3	987
4	9876

Domain:

Range:

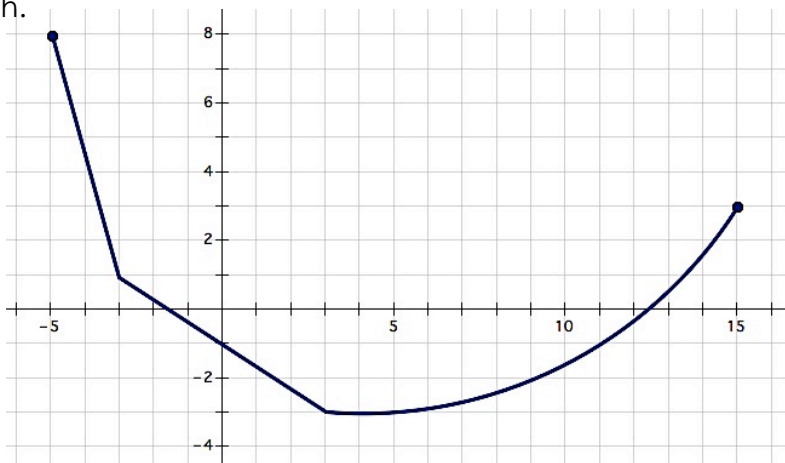
Topic: Determine the features of functions.

6. Describe the function in the graph.

Write the intervals where it is decreasing and/or increasing.

Identify the min and/or max.

State the domain and range.



7. Use the given representation of the functions to answer the questions.

a. Where does $f(x) = g(x)$?

b. What is $g(0) + f(0)$?

c. On what interval(s) is $g(x) > f(x)$?

d. What is $g(-8) + f(-8)$?

