Date:

- 1. A function is described by the following rule: $f(x) = \frac{-2x}{3} + 5$.
 - a) Determine over which interval this function is positive.

Answer

b) Determine the rate of change of this function.

Answer:

- 2. A function is described by the following rule: $f(x) = \frac{3x}{2} 4$.
 - a) Determine over which interval this function is negative.

Answer:

b) Determine the rate of change of this function.

Answer:

3.	A function is described by the following rule:	f(x) =	$-x^2+9$
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a) Determine the interval over which this function is positive.

Answer:

b) Determine the interval over which this function is decreasing.

Answer:

4. A function is described by the following rule: $f(x) = x^2 - 9$

a) Determine the interval over which this function is negative.

Answer:

b) Determine the interval over which this function is decreasing.

Answer: