

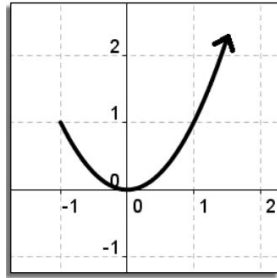
Module 3 & 9 Finals Review Task

Module 3 Finals Review

1. Determine which of the following are functions. Be sure to explain your reasoning.

x	$f(x)$
1	4
2	10
3	5
4	8
5	3

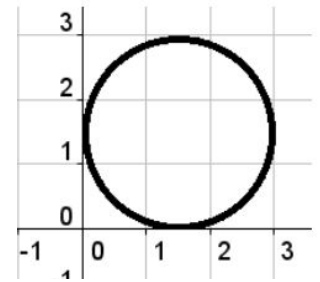
This is/is not a function because



This is/is not a function because

$\{(-2, 3), (4, -2), (5, 3), (-2, 8)\}$

This is/is not a function because



This is/is not a function because

2. For each problem, list the Domain and Range.

$\{(1, 0), (2, 5), (3, 10), (4, 0)\}$

Domain: _____

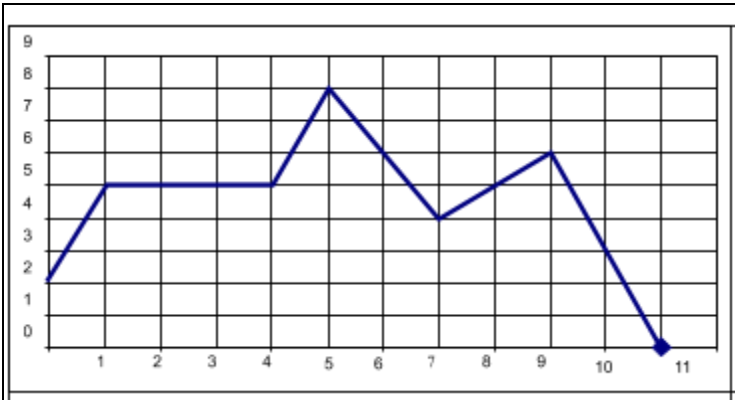
Range: _____

x	0	1	2	3	4
$f(x)$	3	4	5	6	7

Domain: _____

Range: _____

3. Use the figure below to identify the feature of the function.



Domain: _____

Range: _____

Maximum: _____

Minimum: _____

Increasing: _____

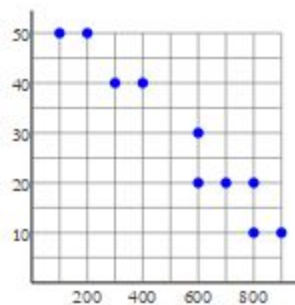
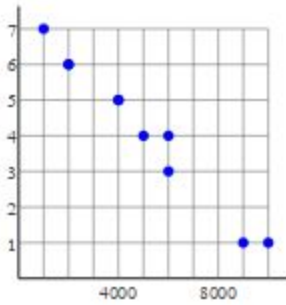
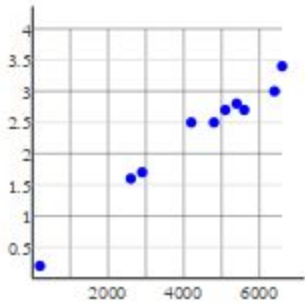
Decreasing: _____

4. Given $g(x) = 5x - 9$, if $g(x) = 11$, What is x ?

5. $f(x) = 11x - 38$ and $g(x) = 22x + 59$
What is $f(x) + g(x)$?

Module 9 Finals Review

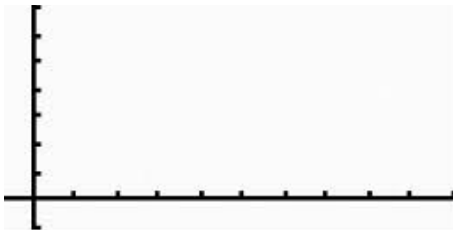
6. For each data set, construct a line that best fits the data set.



7. Draw a histogram for each data set.

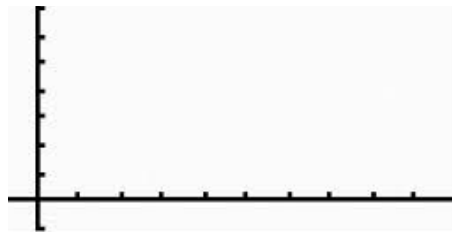
Games per World Series

4 7 6 6 6 6 7 7
5



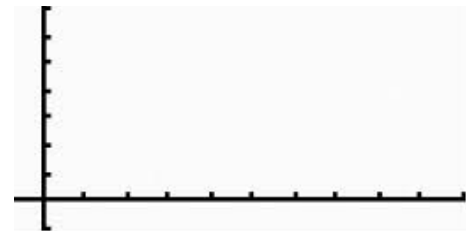
Mens Heights (Inches)

72 72 64 71 69 72 72
69 65



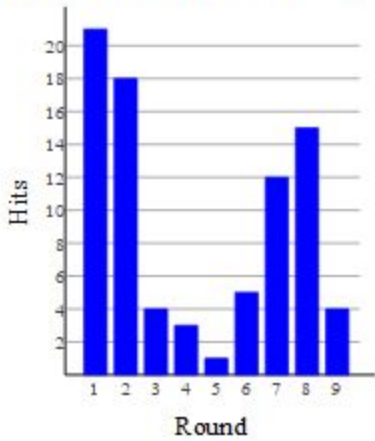
Monthly Revenue

34,600	62,940	71,410	46,960
76,370	33,060	60,710	74,130
32,040	35,690	44,410	



8. Find the Mean, Median, Mode for each data set.

Hits in a Round of Hacky Sack

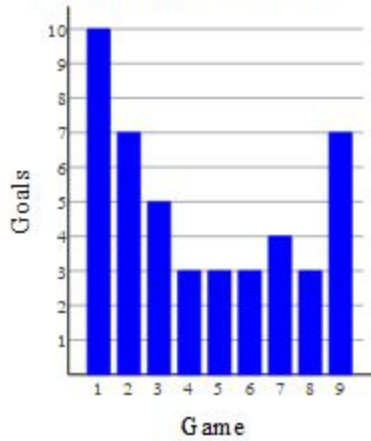


Mean: _____

Median: _____

Mode: _____

Goals in a Hockey Game

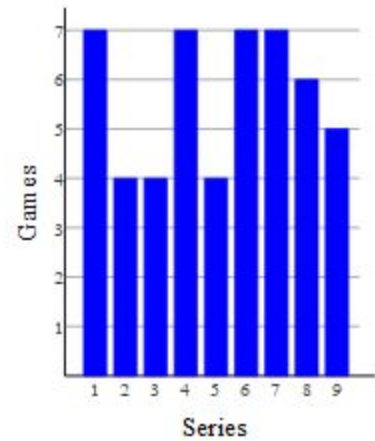


Mean: _____

Median: _____

Mode: _____

Games per World Series



Mean: _____

Median: _____

Mode: _____