# M10 - 6.1 - Linear? HW

Are the following Lines Linear?
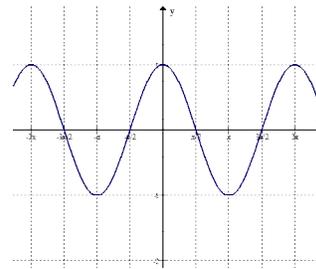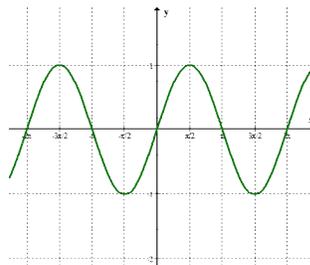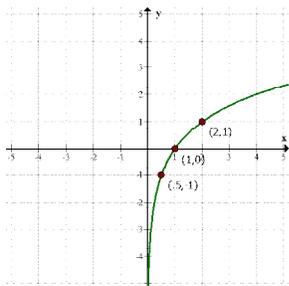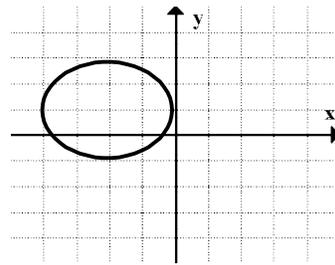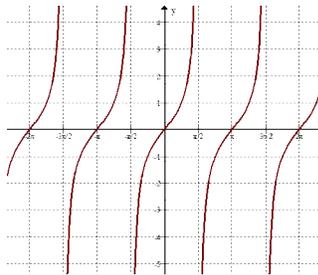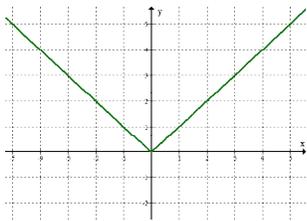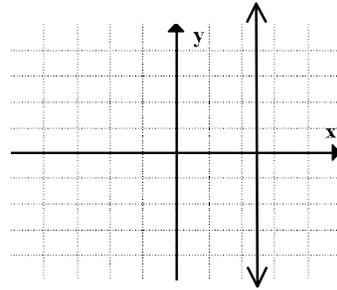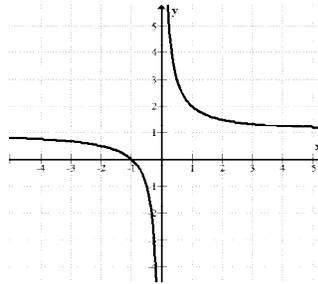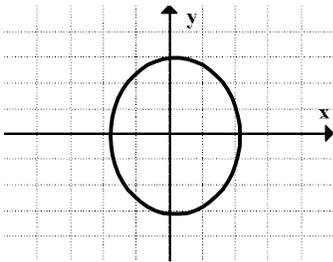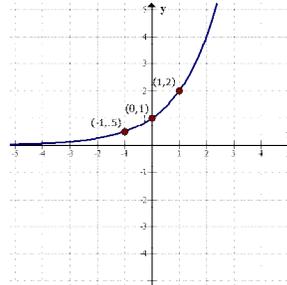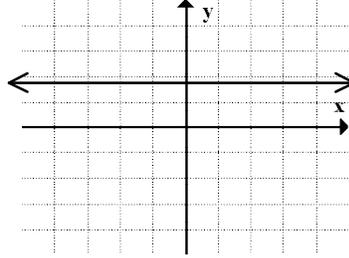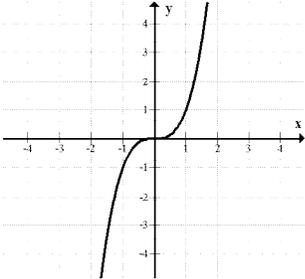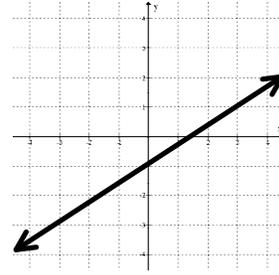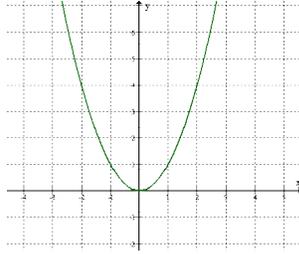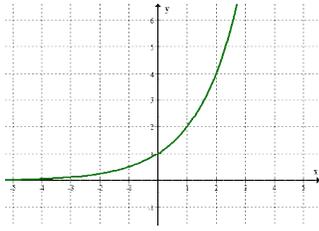
M10 - 6.2 - Pos, Neg, Zero, Undef Slope HW

Is the slope positive, negative, zero or undefined?

Slope =

Slope =

Slope =

Slope =

Slope =
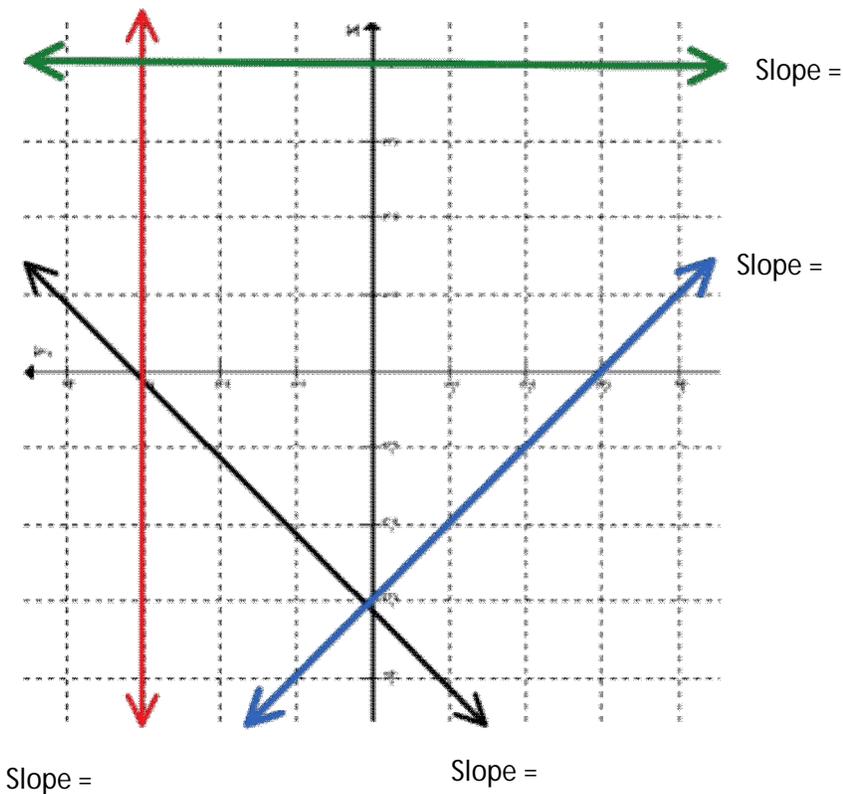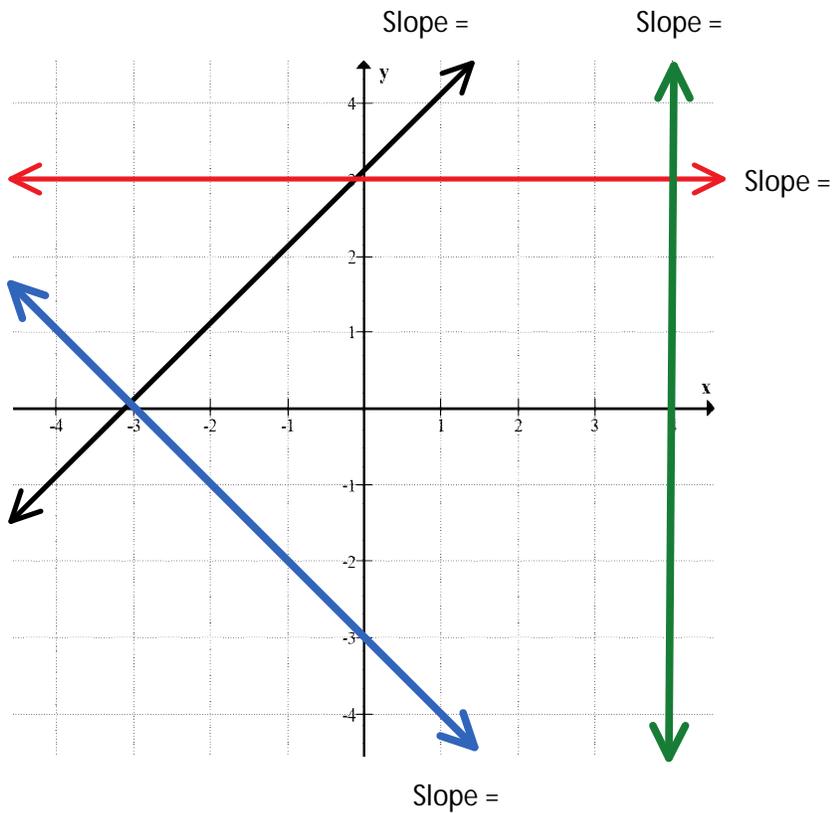
Slope =

Slope =

Slope =

M10 - 6.3 - Graph: Find Slope HW

Find the Slope of the following lines.
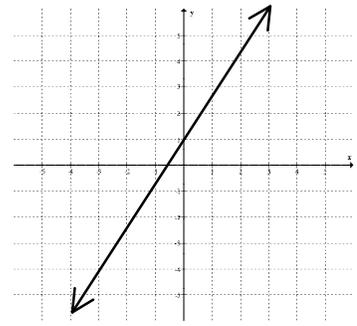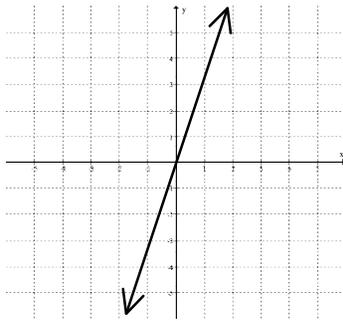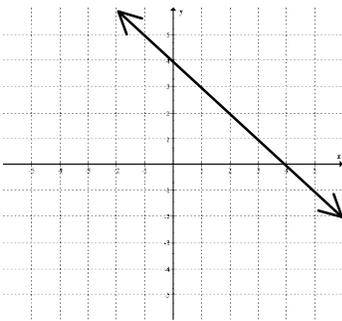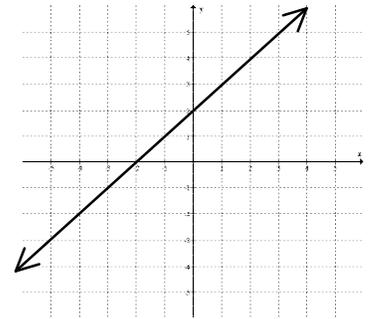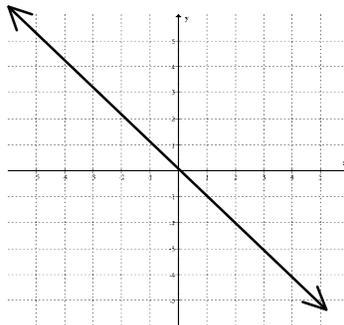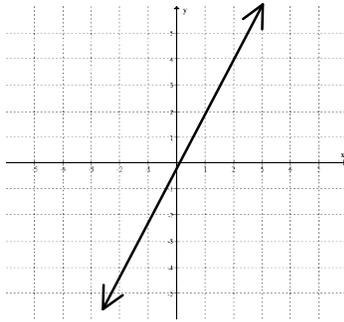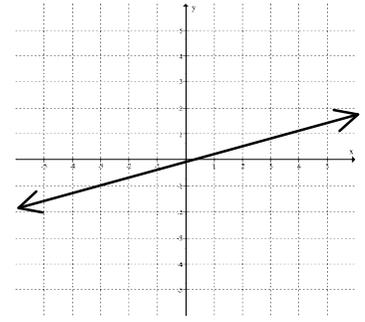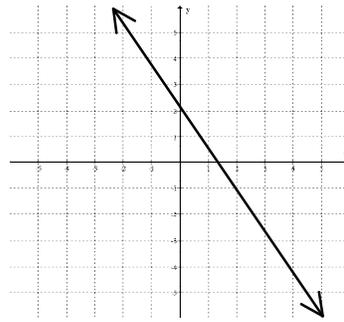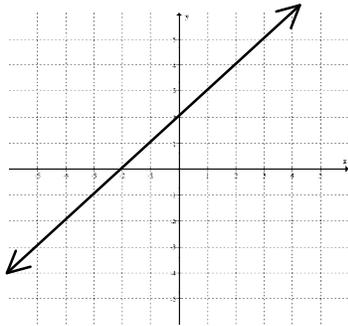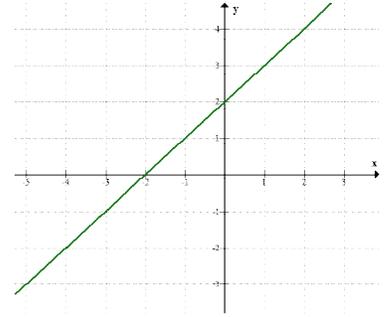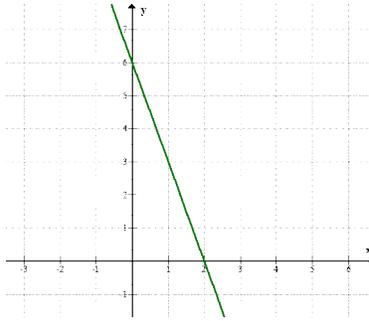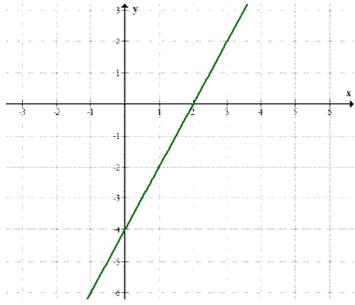
M10 - 6.3 - Graphing Slope HW

**Graph the following, given a point and the slope.**

$(0,0), m = \dfrac{1}{2}$
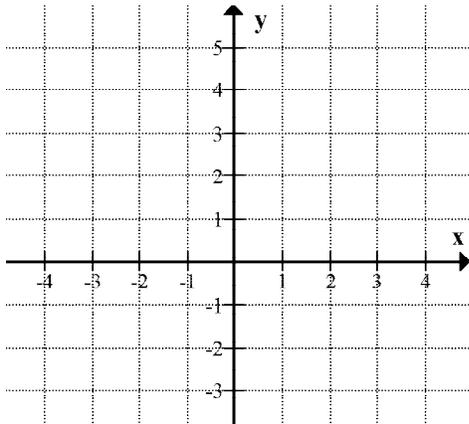
$(1,1), m = 2$
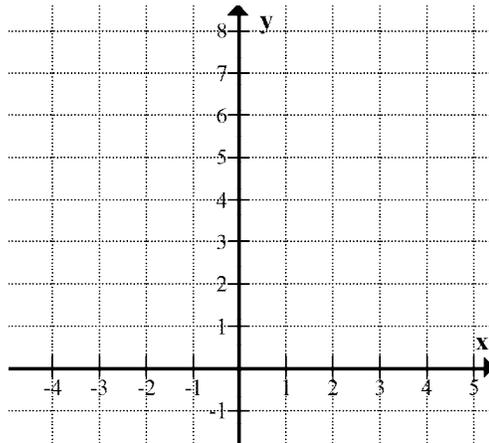
$(0,2), m = 0$
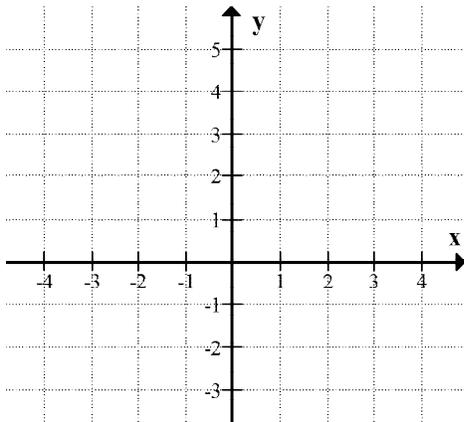
$(-2,1), m = -1$
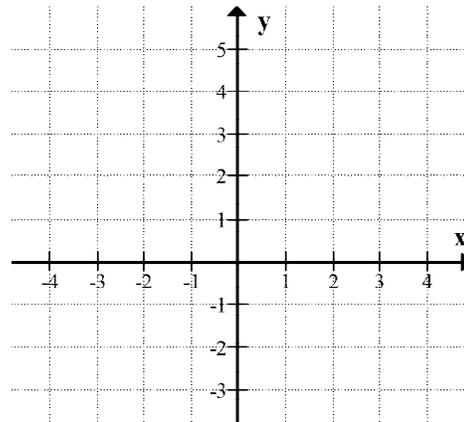
$(-2,1), m = -\dfrac{3}{2}$
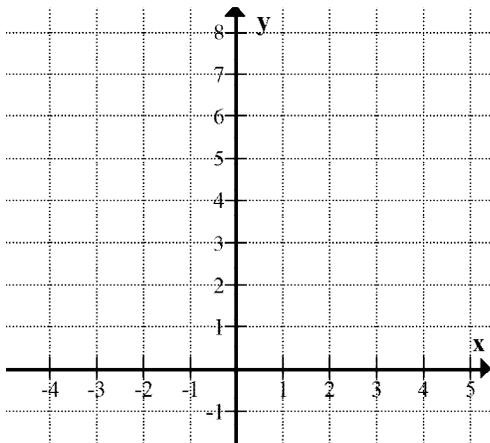
$(-1,-1), m = undefined$
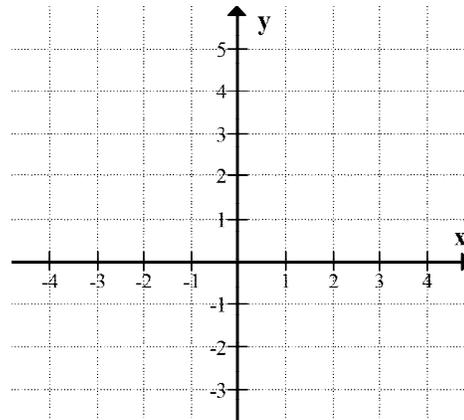
M10 - 6.3 - Points: Find Slope HW

Find Slope

(2,4)   (1,1)   (2,1)   (4,2)   (1,2)   (2,3)

(2,−1)   (4,1)   (−4,2) (2,−1)   (−1,−2) (−2,−3)

(3,−5)   (6,4)   (−3,0) (5,0)   (9,−2) (−2,5)

(0,2)   (0,3)   (−8,3) (−5,−1)   (1,−4) (5,−1)

M10 - 6.3 - Points Algebra: Find n given Slope HW

Find n

$(2,4)$ $(1, n)$ $m = 3$

$(2,1)$ $(n, 2)$ $m = \dfrac{1}{2}$

$(n, 2)$ $(2,3)$ $m = 1$

$(2, n)$ $(4,1)$ $m = 2$

$(-4, n)$ $(2, -1)$ $m = -2$

$(-1, -2)$ $(-2, n)$ $m = 1$

M10 - 6.5 - Words Find Domain and Range HW

**Find the Domain and Range of the following Graphs of the following lines in Words.**
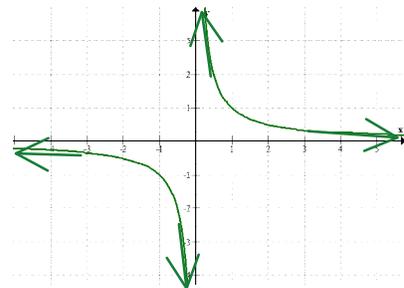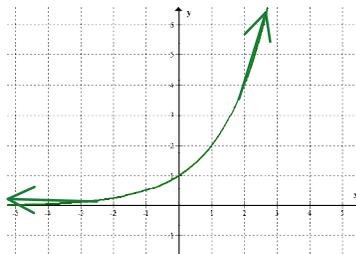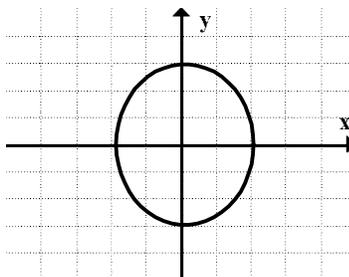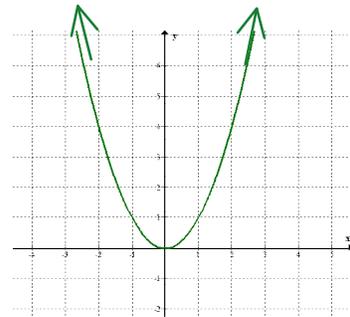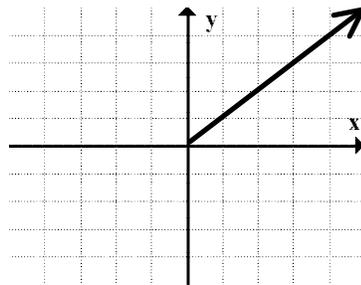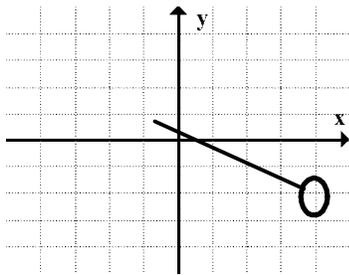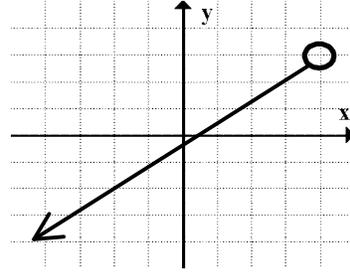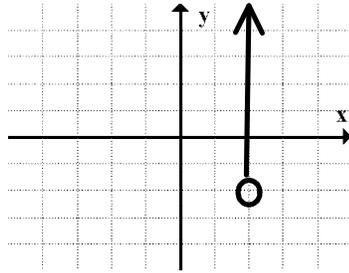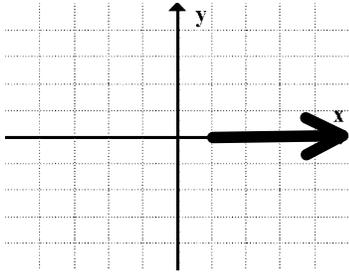
M10 - 6.5 - Interval Find Domain and Range HW

**Find the Domain and Range of the following Graphs of the following lines in interval Notation.**
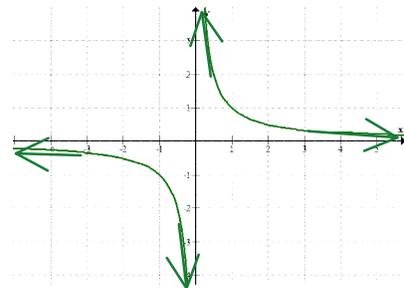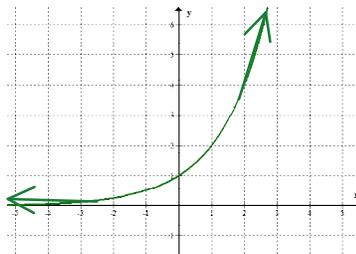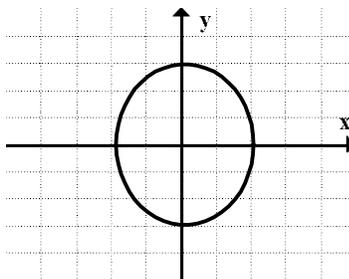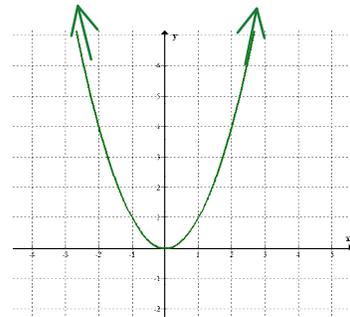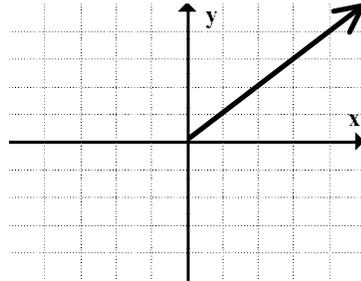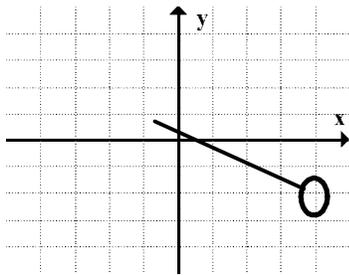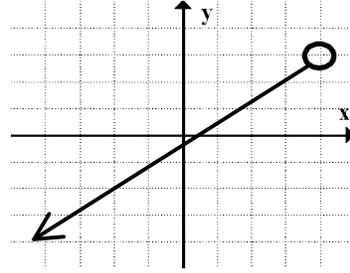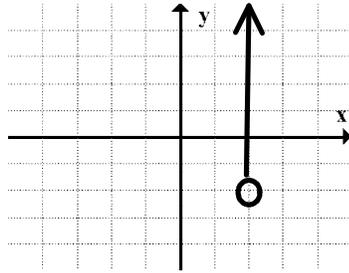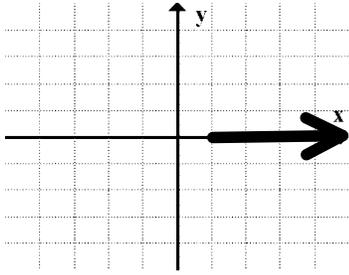
M10 - 6.5 - Set Find Domain and Range HW

**Find the Domain and Range of the following Graphs of the following lines in Set Notation.**
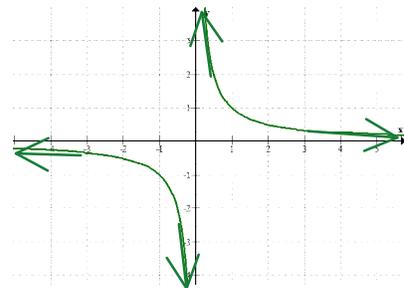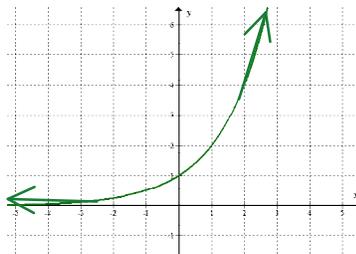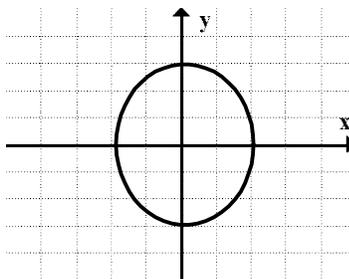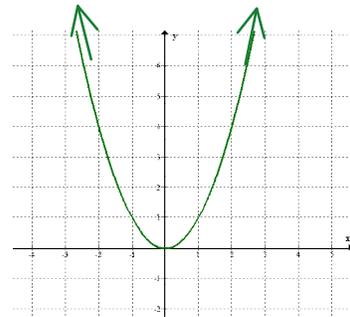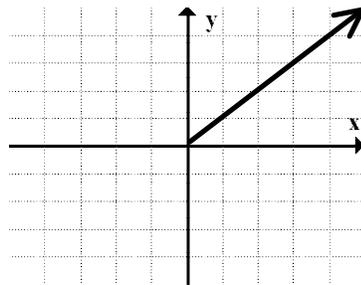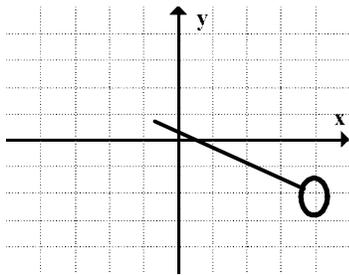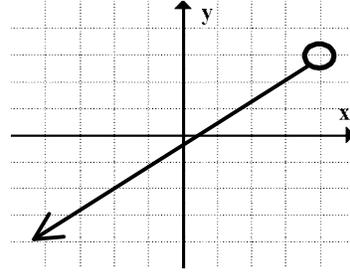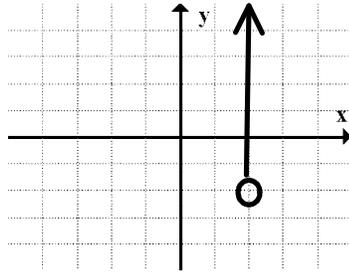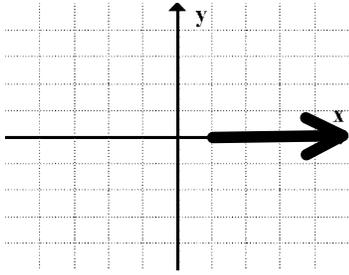
M10 - 6.5 - List Find Domain and Range HW

Find the Domain and Range of the following Graphs of the following as a List.
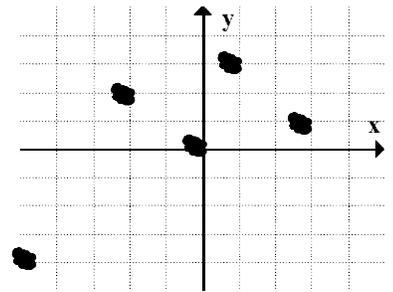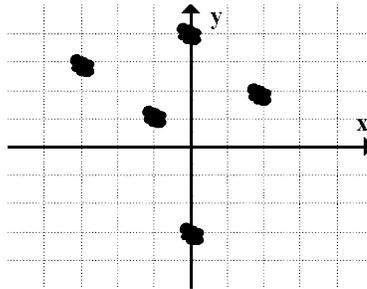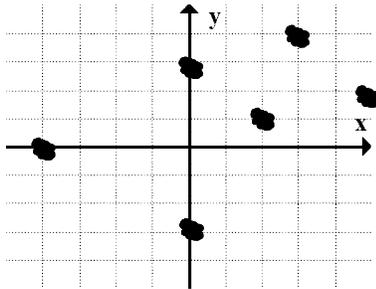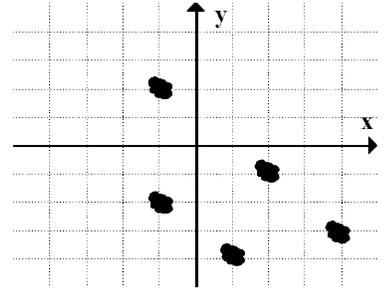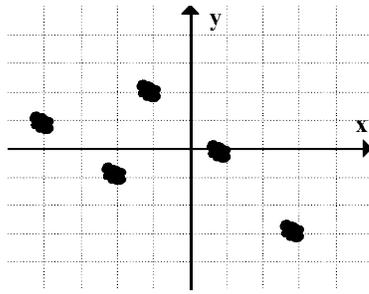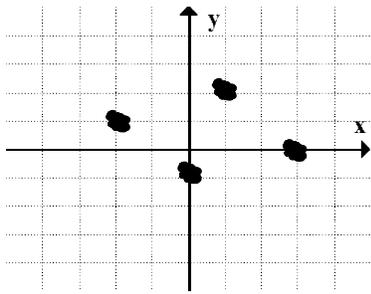
M10 - 6.6 - Function or Relation HW

Is the following a function or a relation?

(1,2), (2,3), (3,4), (4,5)

x	y
2	2
2	3
3	4
4	5

x	y
1	2
2	3
3	4
4	5

(2,2), (2,3), (3,4), (4,5)