FUNCTIONS/DOMAIN/RANGE
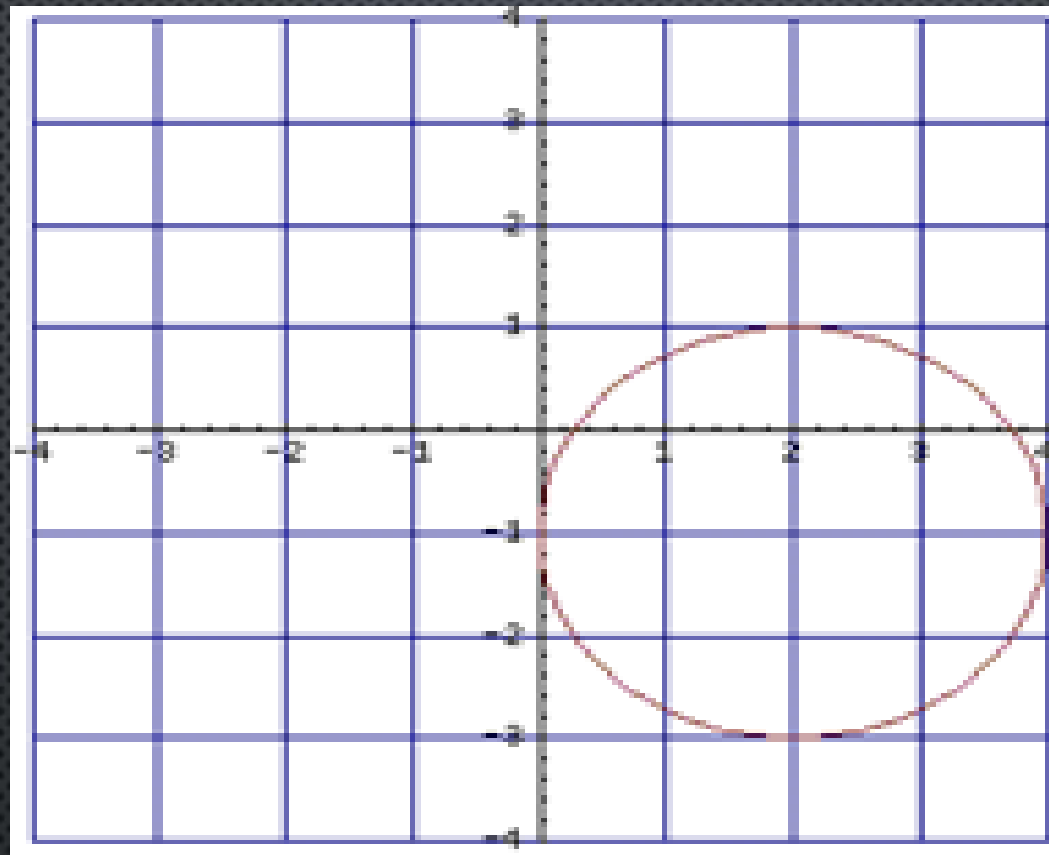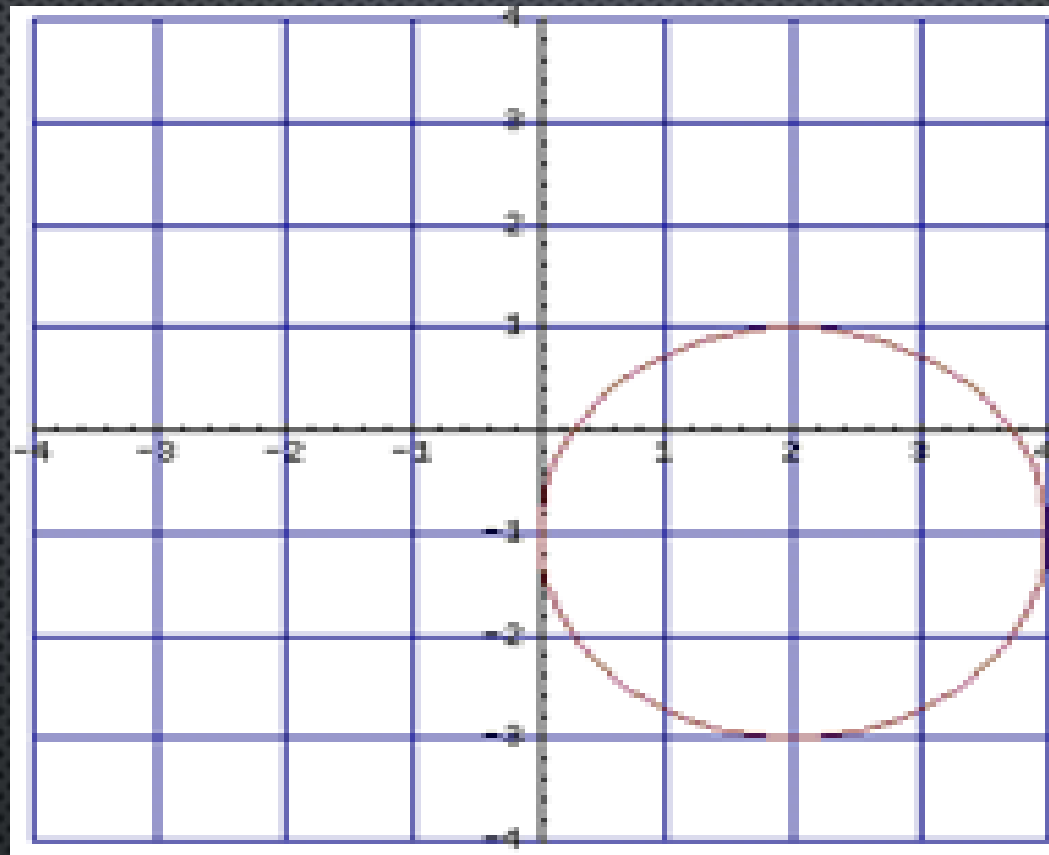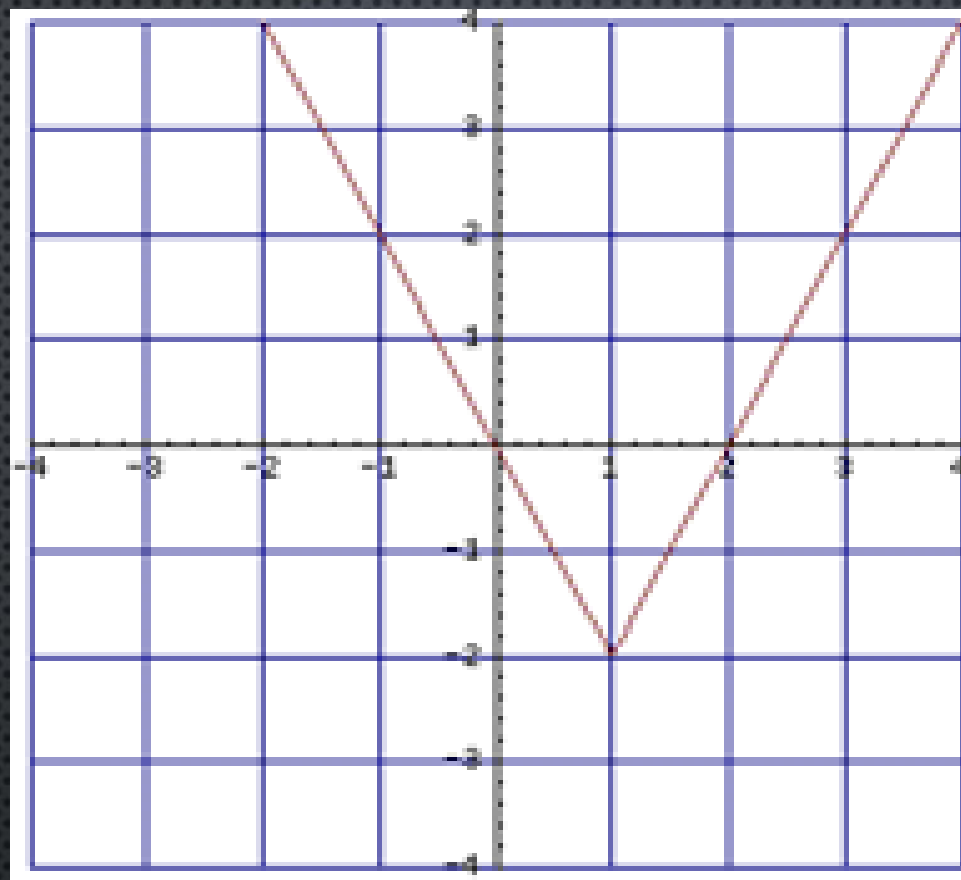
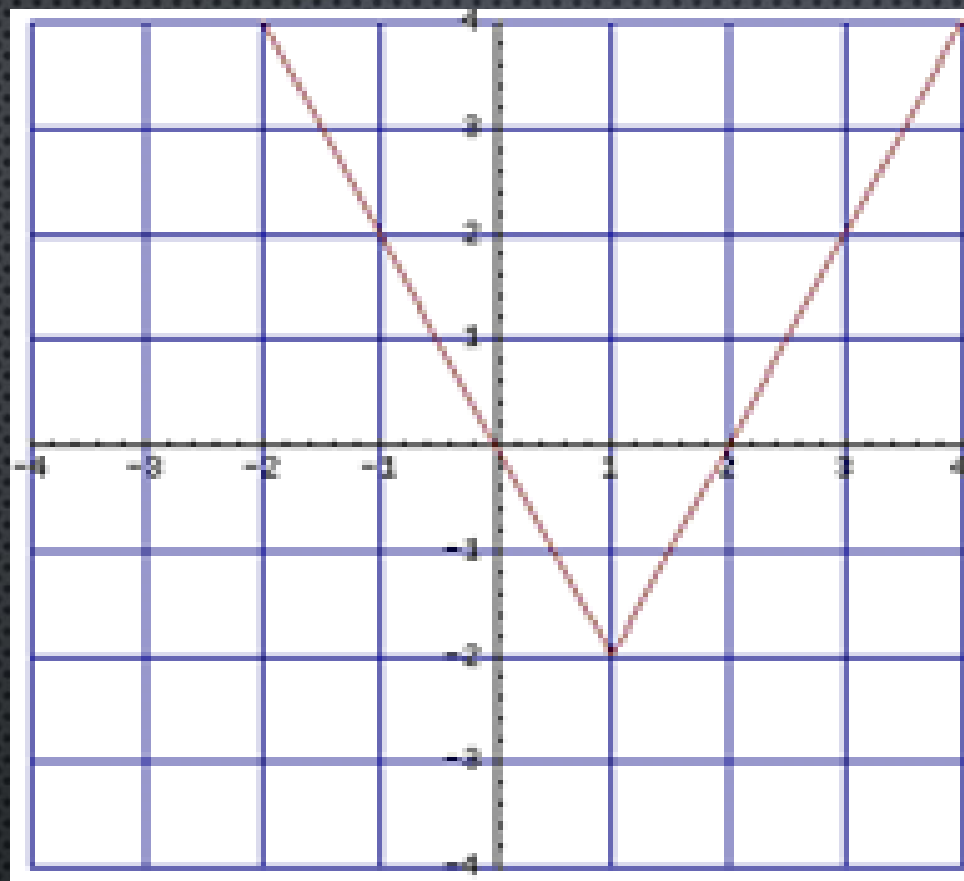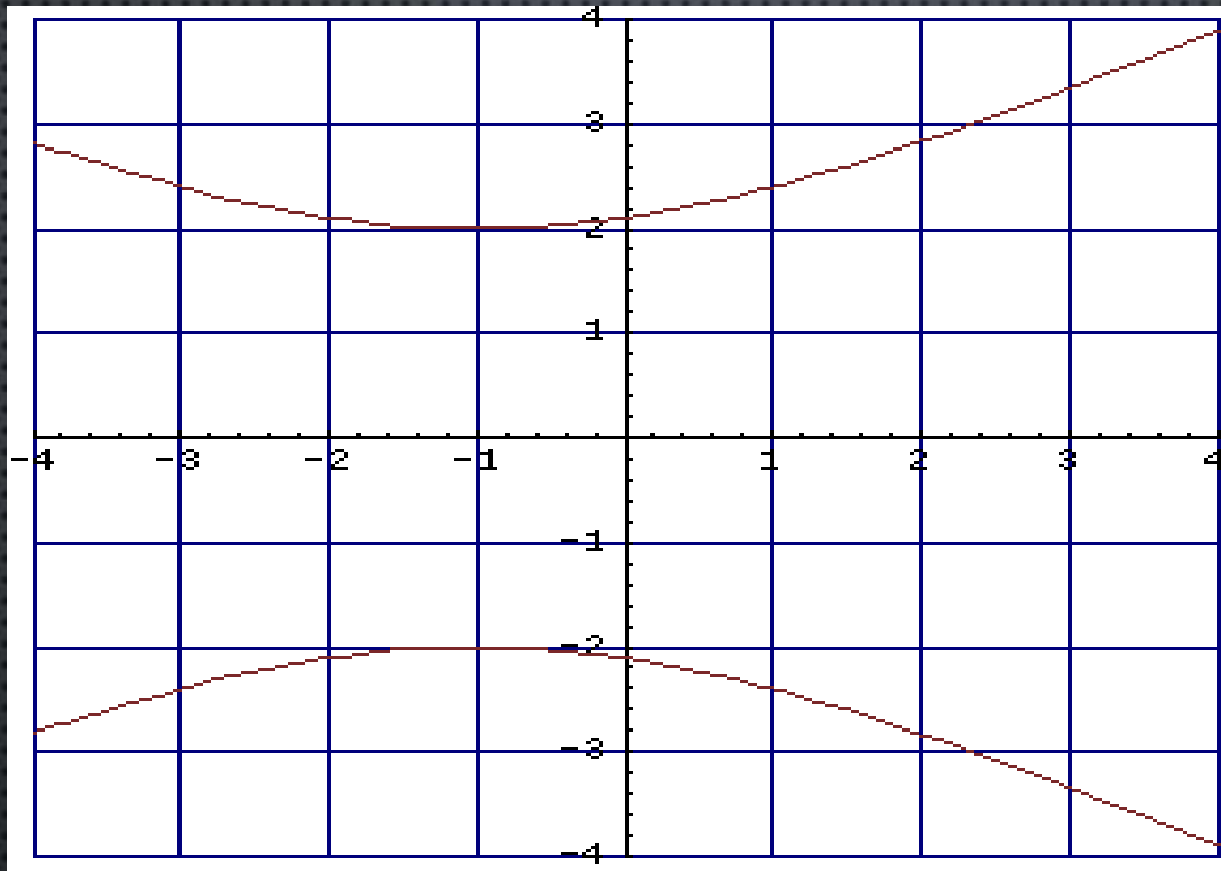# IS THE RELATION A FUNCTION?

IS THE RELATION A FUNCTION? - NO

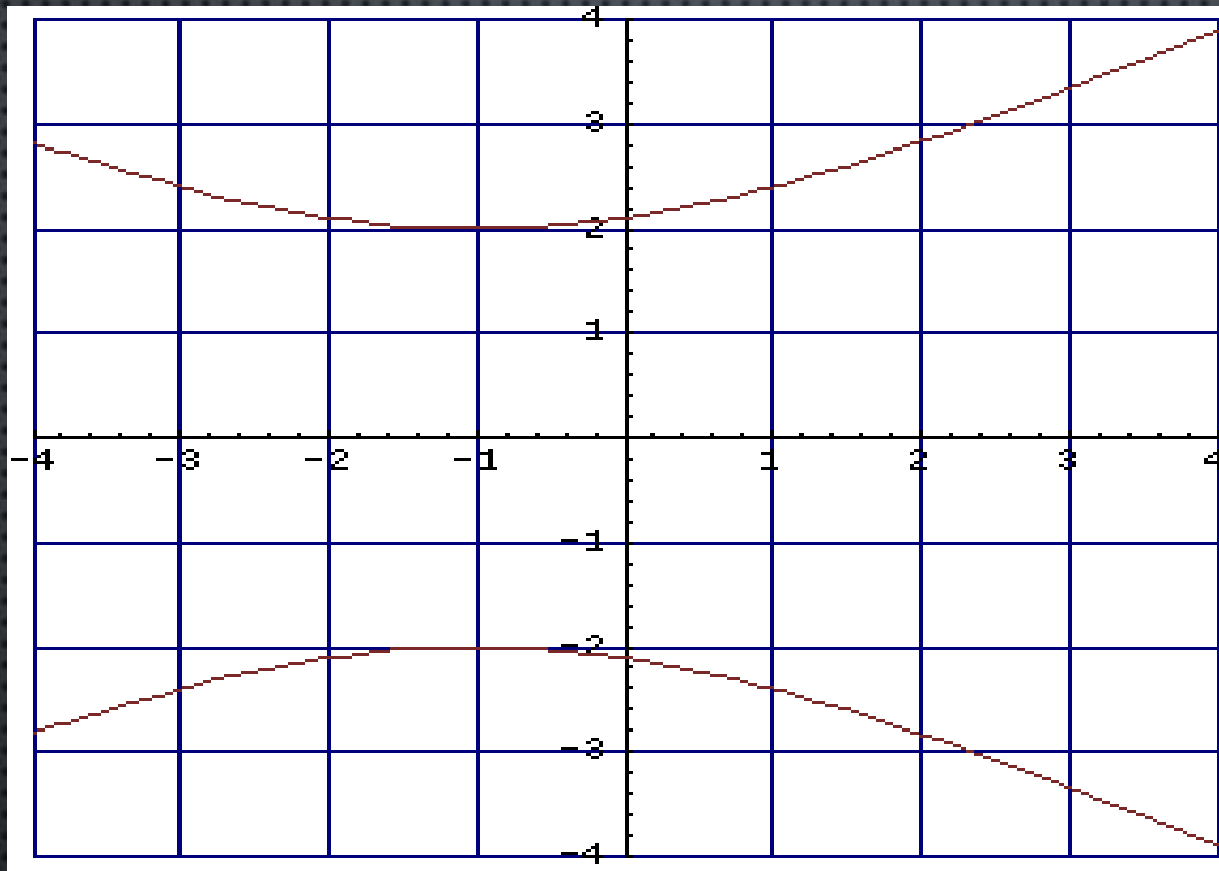# IS THE RELATION A FUNCTION?

IS THE RELATION A FUNCTION? - YES

IS THE GRAPH A FUNCTION?

IS THE GRAPH A FUNCTION? - NO

x	y
3	4
7	6
3	8
9	0

IS THE RELATION A FUNCTION?

x	y
3	4
7	6
3	8
9	0

IS THE RELATION A FUNCTION?
NO

Time (hrs.)	Money ($)
1	25
5	125
10	250
15	375

IS THE RELATION A FUNCTION?

Time (hrs.)	Money ($)
1	25
5	125
10	250
15	375

IS THE RELATION A FUNCTION?
YES

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

IS THE RELATION A FUNCTION?

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

IS THE RELATION A FUNCTION?
YES

x	y
3	4
7	6
3	8
9	0

STATE THE DOMAIN AND RANGE

x	y
3	4
7	6
3	8
9	0

STATE THE DOMAIN AND RANGE
DOMAIN: {3, 7, 9}
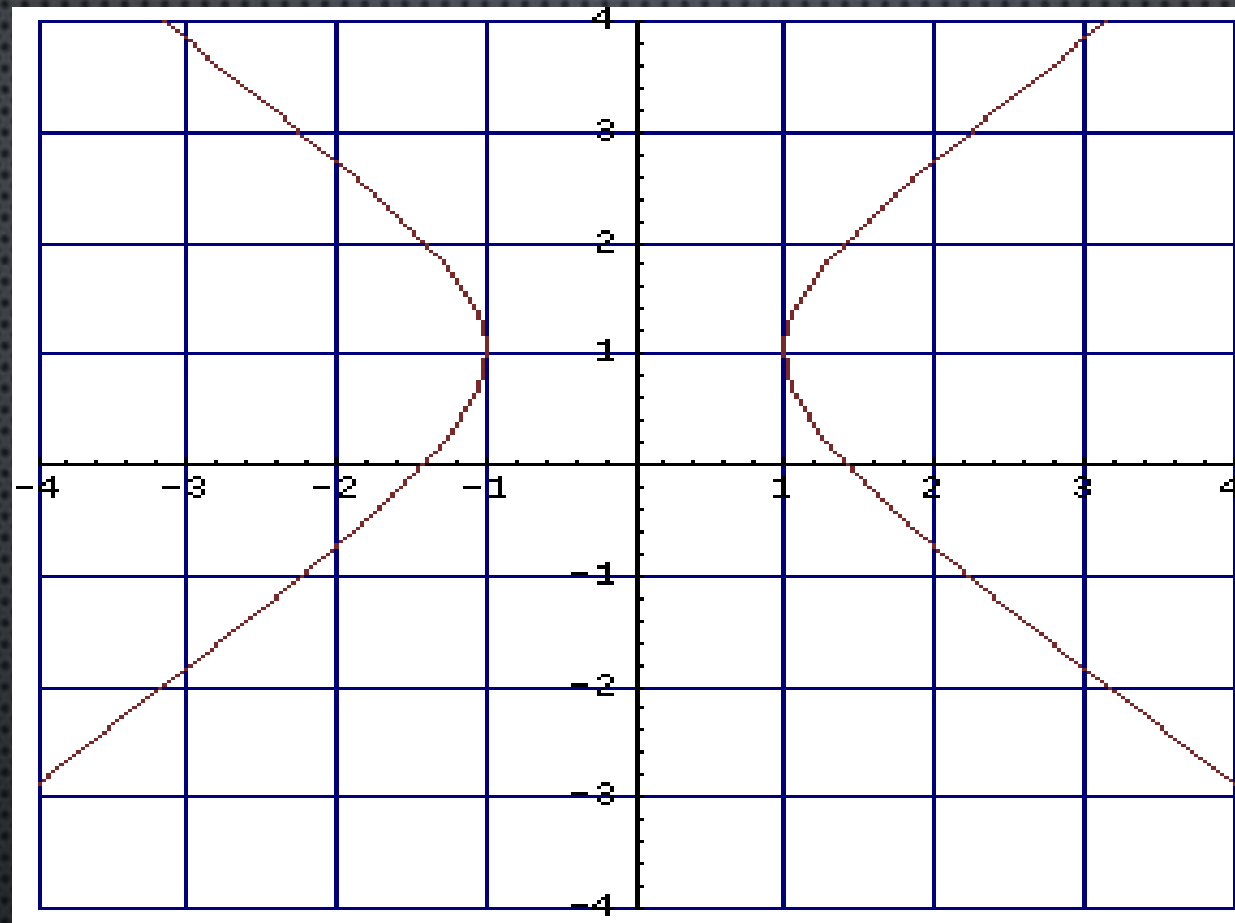## RANGE: {0, 4, 6, 8}

(7, 3); (1, 2); (5, 1); (8, 2)

STATE THE DOMAIN AND RANGE
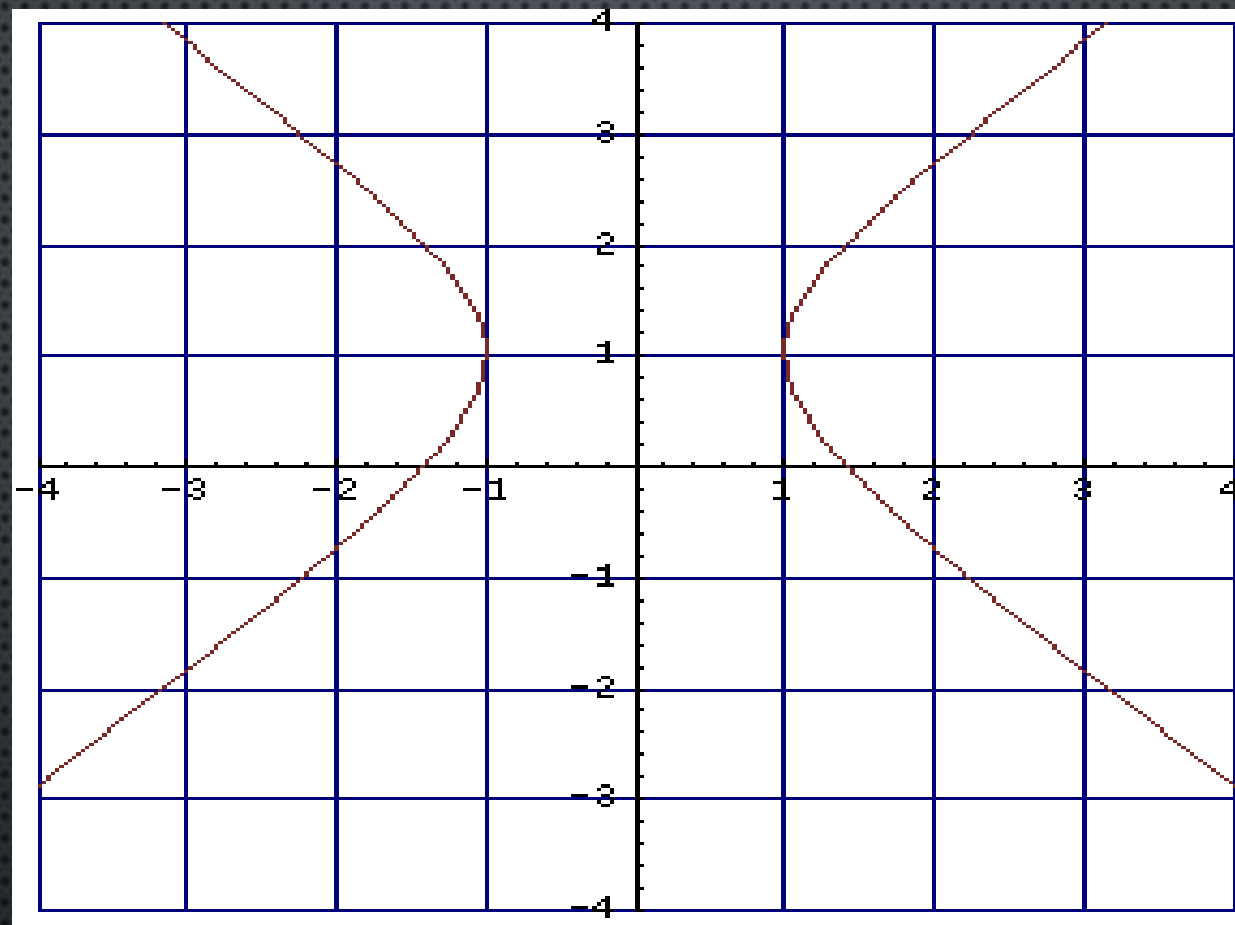
(7, 3); (1, 2); (5, 1); (8, 2)
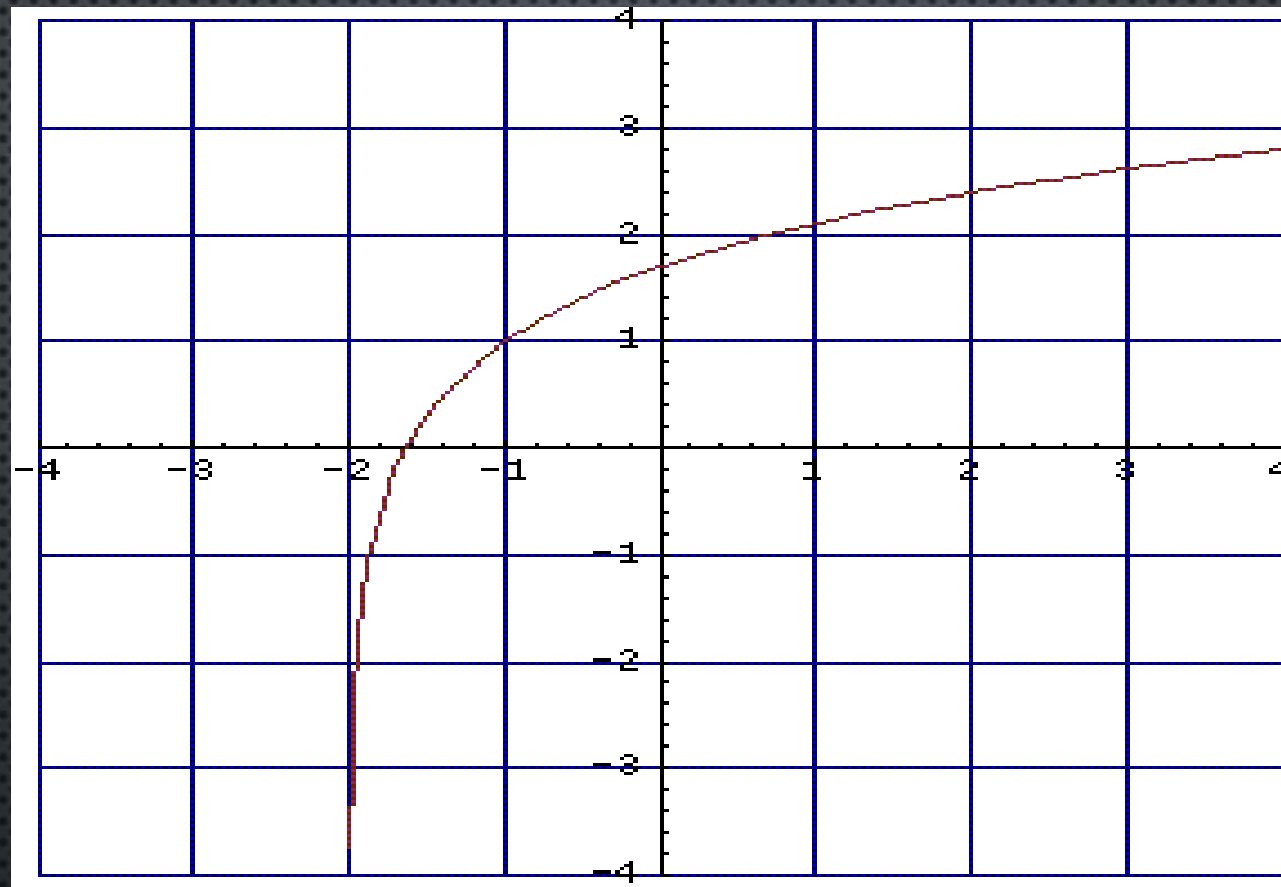
STATE THE DOMAIN AND RANGE

DOMAIN: {1, 5, 7, 8}

RANGE: {1, 2, 3}

STATE THE DOMAIN AND RANGE
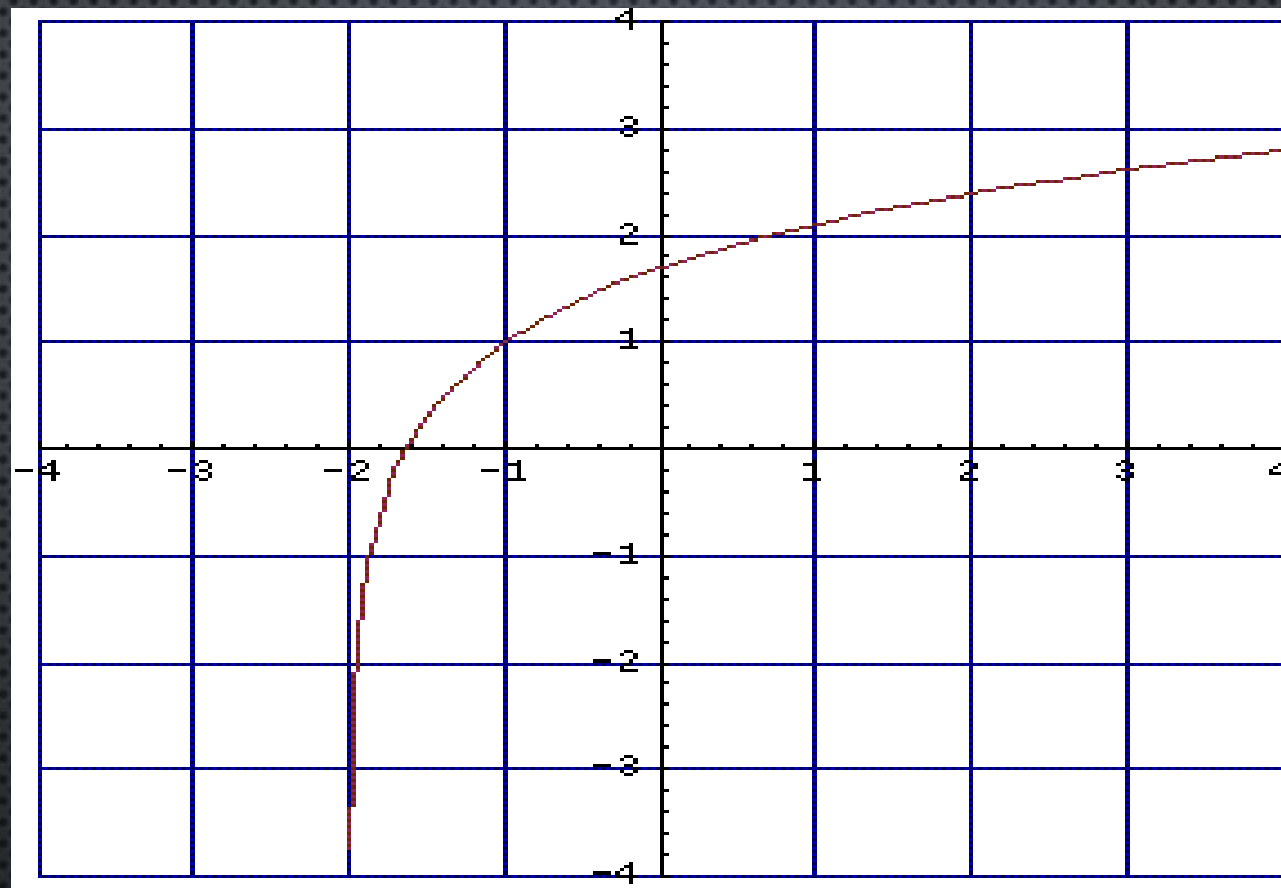
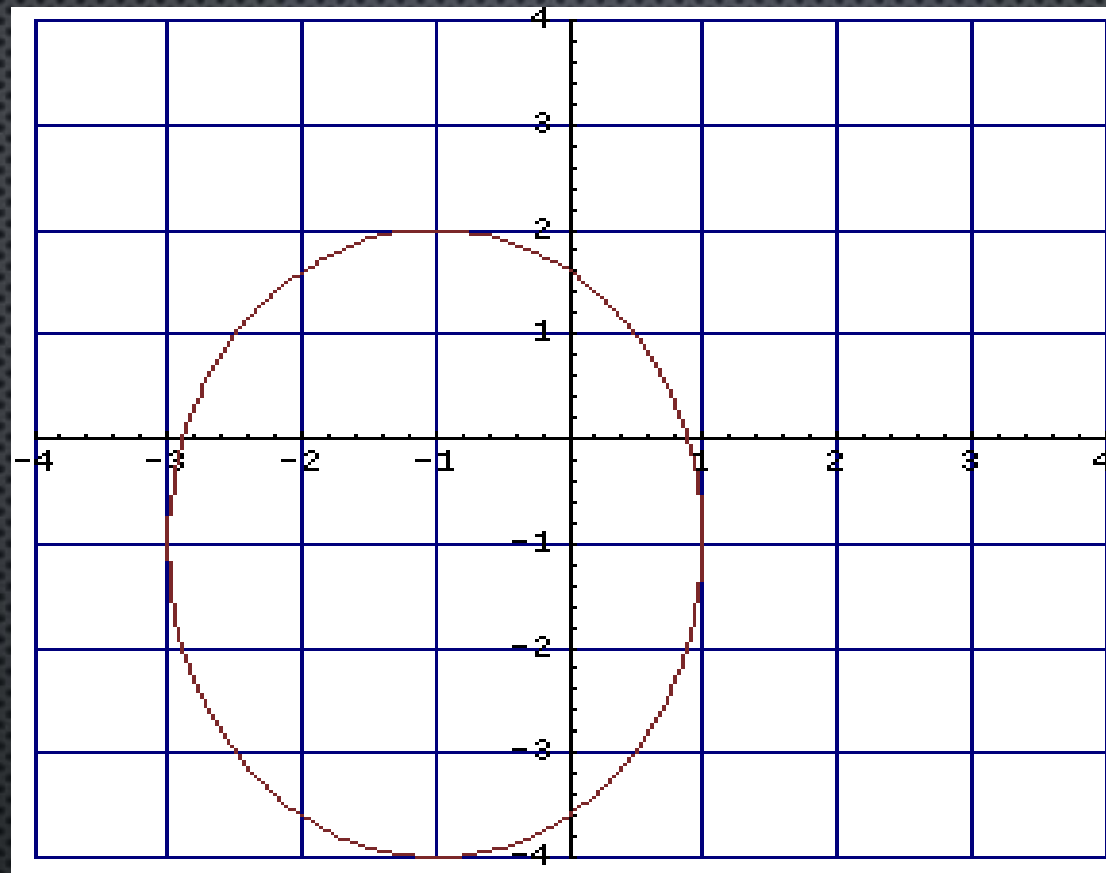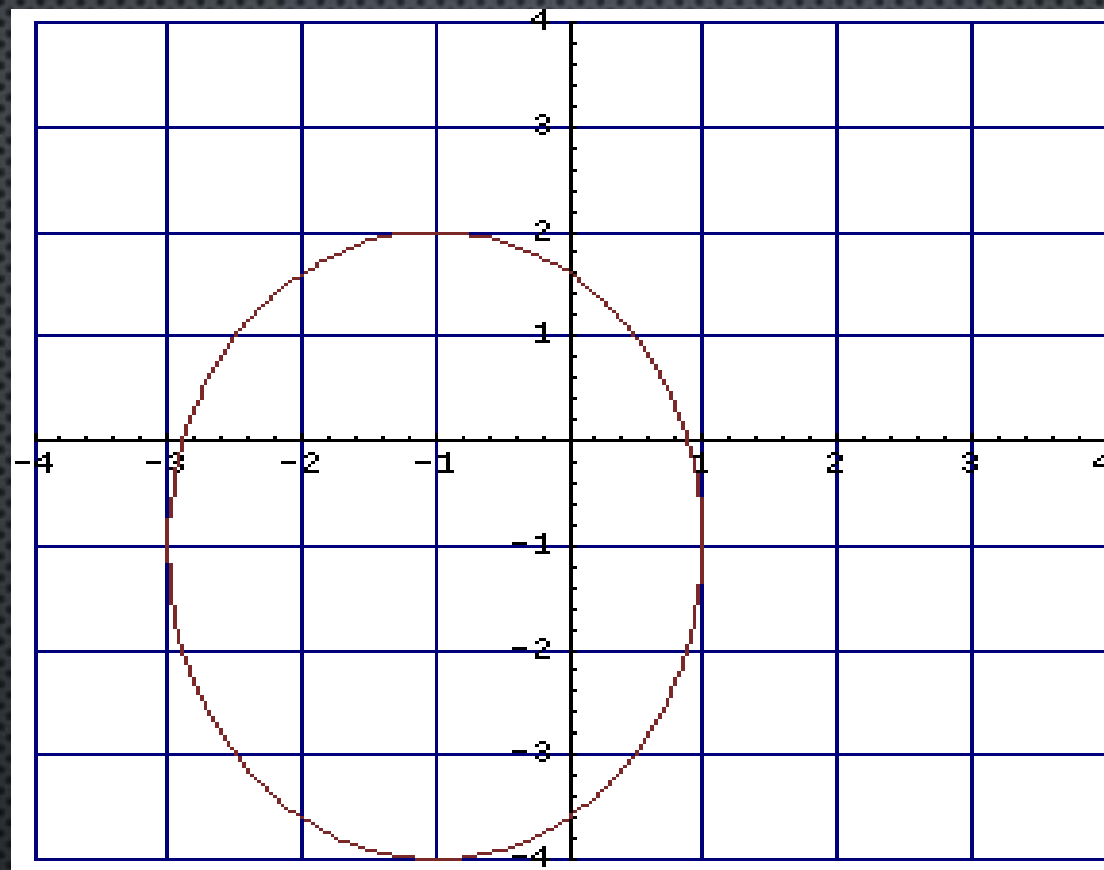DOMAIN: (-∞, -1) AND (1, ∞)
RANGE: (- ∞, ∞)

STATE THE DOMAIN AND RANGE
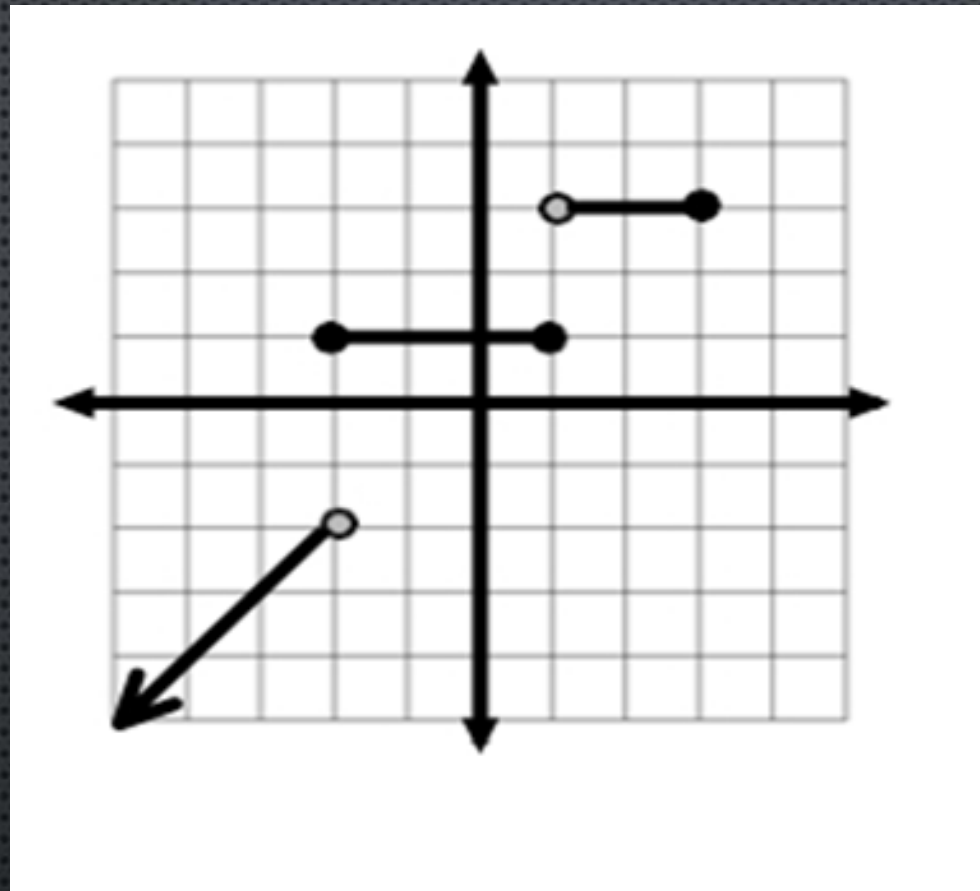
DOMAIN: (-2, ∞)
RANGE: (- ∞, ∞)

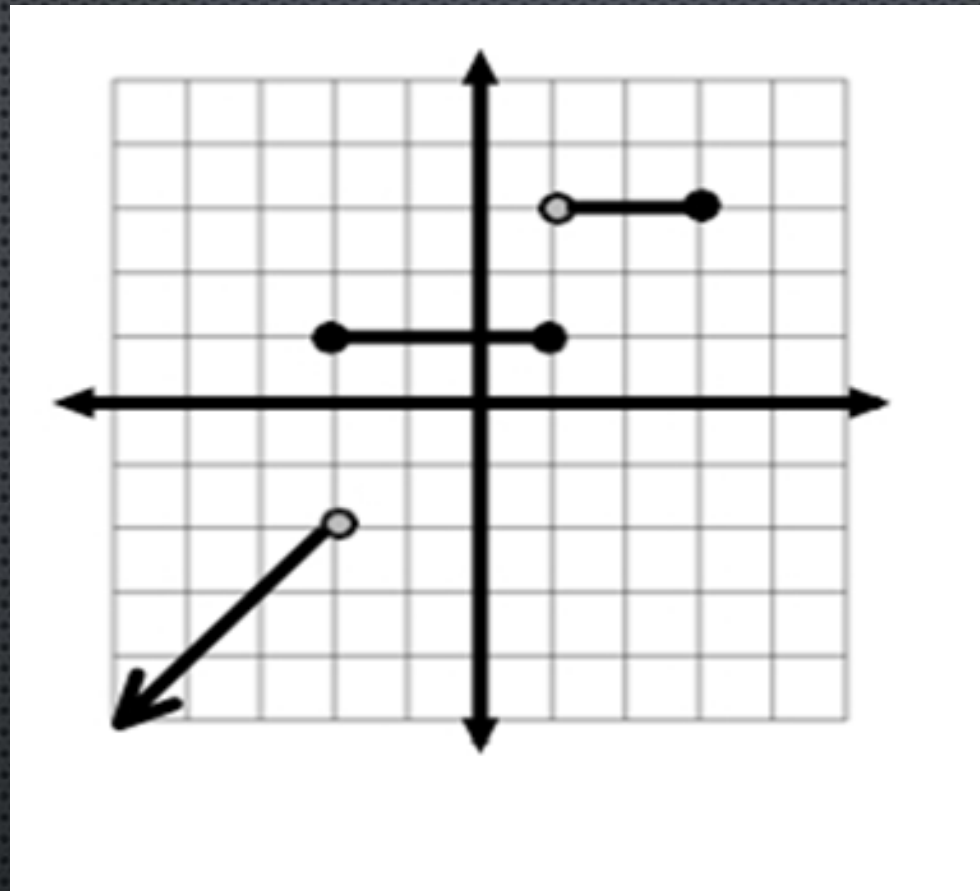# STATE THE DOMAIN AND RANGE

DOMAIN: [-3, 1]
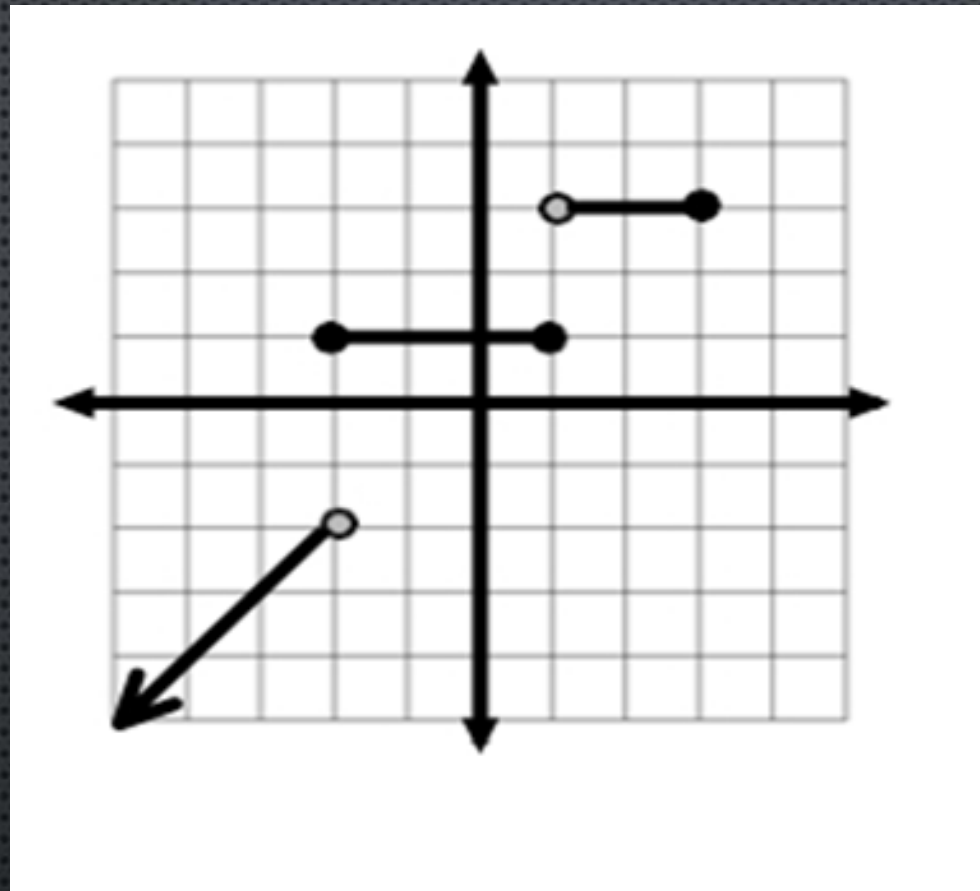**RANGE: [-4, 2]**

WHICH VALUE IS INCLUDED IN THE RANGE?
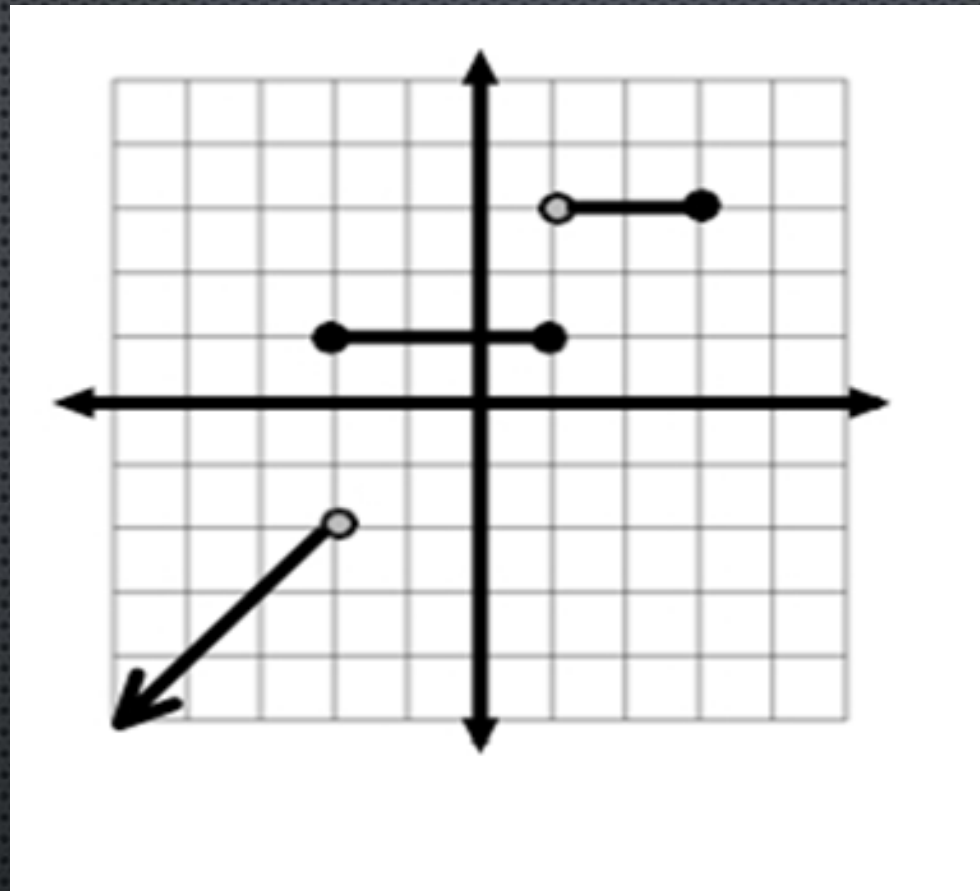## A) -2   B) 0   C) 3   D) 4

WHICH VALUE IS INCLUDED IN THE RANGE?
C) 3

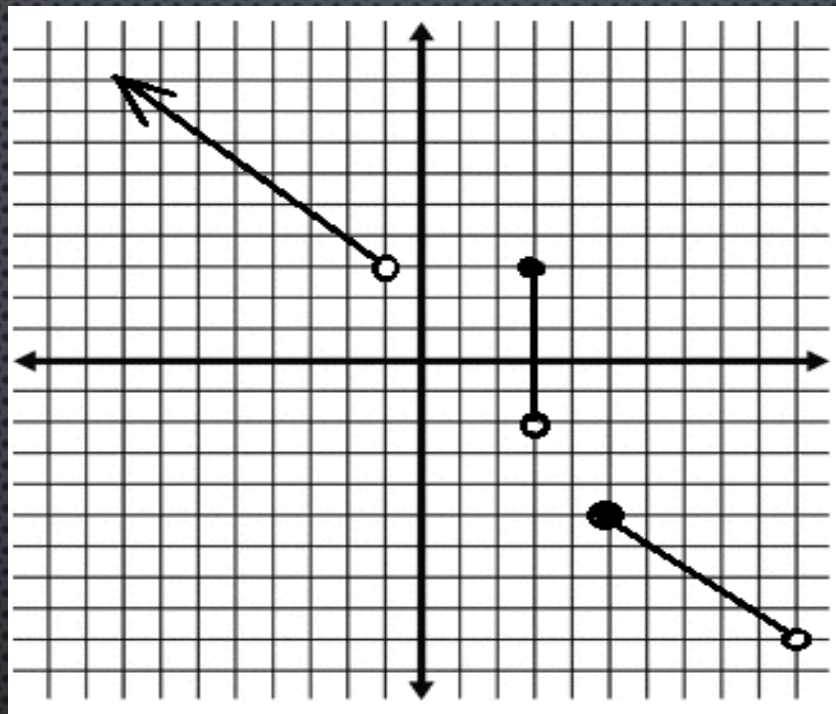# WHICH VALUE IS NOT INCLUDED IN THE RANGE?
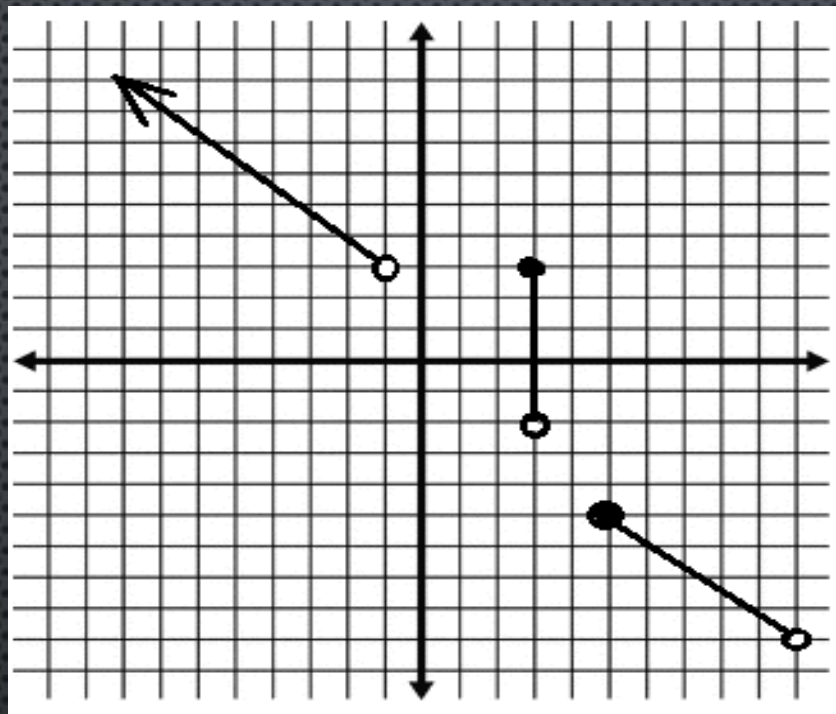# A) -6   B) -3   C) -2   D) 1

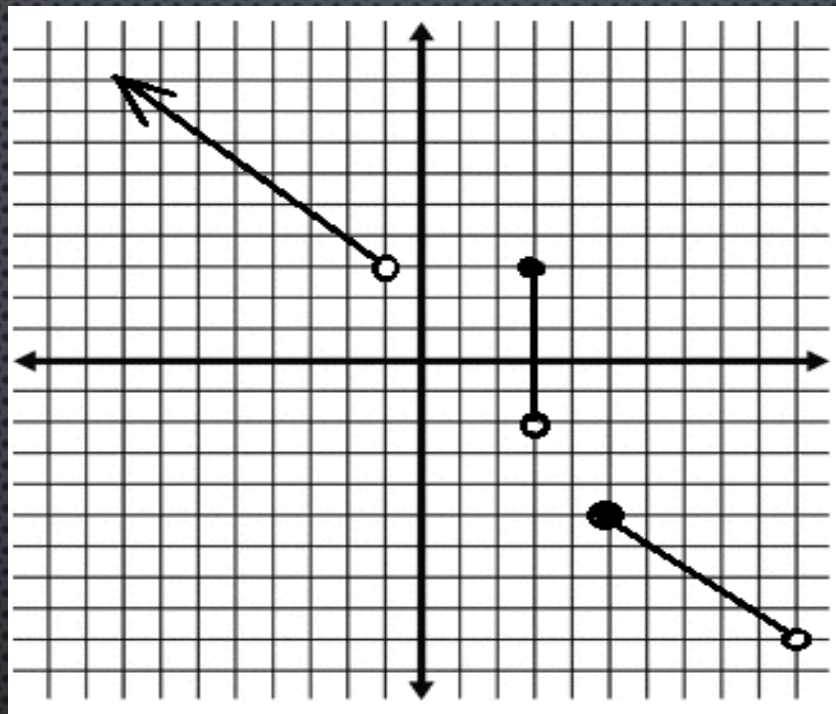# WHICH VALUE IS NOT INCLUDED IN THE RANGE?
C) -2

WHICH VALUE IS INCLUDED IN THE DOMAIN?
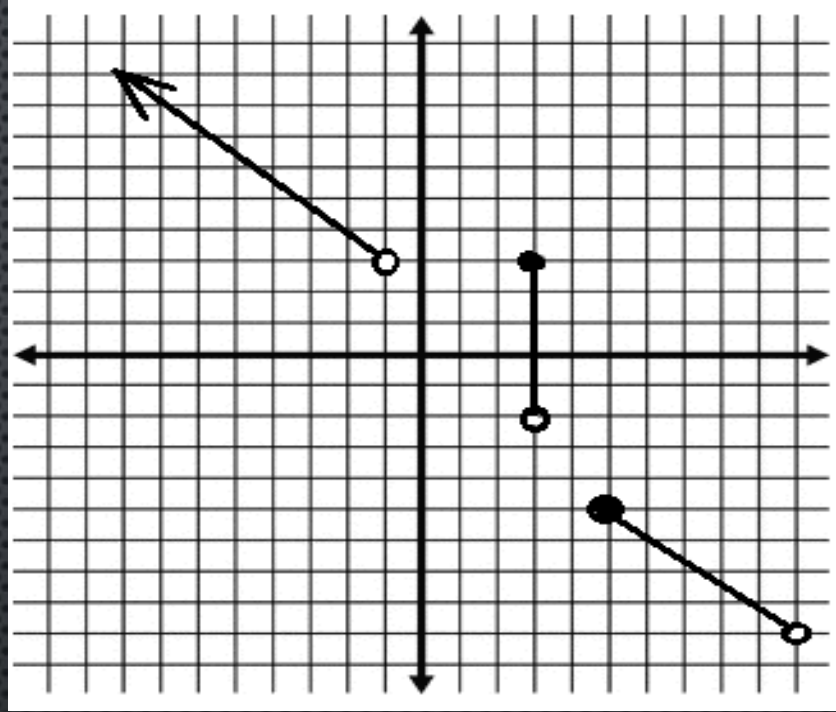## A) -1 B) 3   C) 1   D) 10

WHICH VALUE IS INCLUDED IN THE DOMAIN?
B) 3

WHICH VALUE IS NOT INCLUDED IN THE DOMAIN?
A) -15 B) -1   C) 3   D) 5

WHICH VALUE IS NOT INCLUDED IN THE DOMAIN?
B) -1