

# SOLUTIONS

## EXAM I

8:00 CLASS

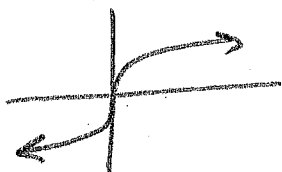
Pg 1re

I.

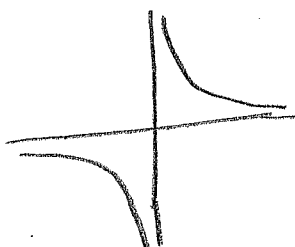
- |     |     |     |     |
|-----|-----|-----|-----|
| ① B | ④ C | ⑦ C | ⑩ B |
| ② E | ⑤ A | ⑧ D | ⑪ E |
| ③ C | ⑥ C | ⑨ C | ⑫ C |

III.

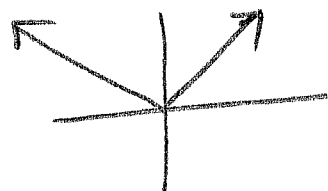
- ⑬ Domain:  $\mathbb{R}$   
 ⑭ Range  $\mathbb{R}$



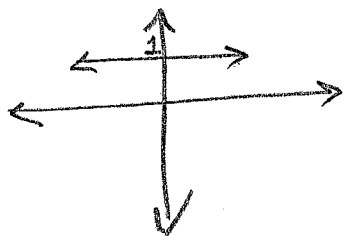
- ⑮ Domain  $\mathbb{R} - \{0\}$   
 Range  $\mathbb{R} - \{0\}$



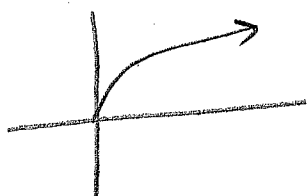
- ⑯ Domain  $\mathbb{R}$   
 Range  $[0, \infty)$



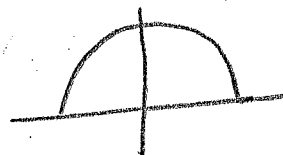
- ⑰ Domain  $\mathbb{R}$   
 Range  $\{1\}$



- ⑱ Domain  $[0, \infty)$   
 Range  $[0, \infty)$



- ⑲ Domain  $[-1, 1]$   
 Range  $[0, 1]$



III.

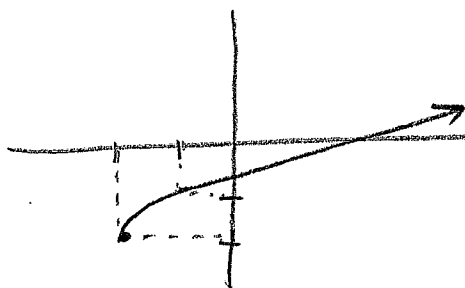
BASIC SHAPE:

SHIFT:  $\leftarrow 2 \downarrow 2$

VERTEX:  $(-2, 2) \Rightarrow$

Amp: 1

Amp PTS:  $(-1, -1)$



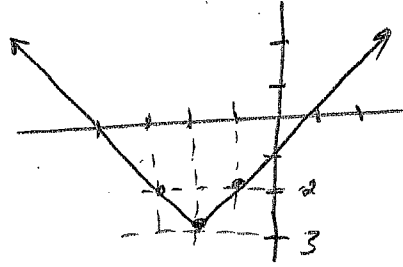
(19) BASIC SHAPE: 

SHIFTS:  $\leftarrow 2 \downarrow 3$

VERTEX:  $(-2, -3)$

Amp: 1

Amp PTS  $(-3, -2), (-1, -2)$



pg 200

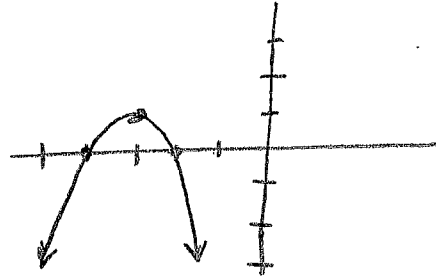
(20) BASIC SHAPE: 

SHIFT:  $\leftarrow 3 \uparrow 1$

VERTEX:  $(-3, 1)$

Amp: -1

Amp. PTS  $(-4, 0), (-2, 0)$



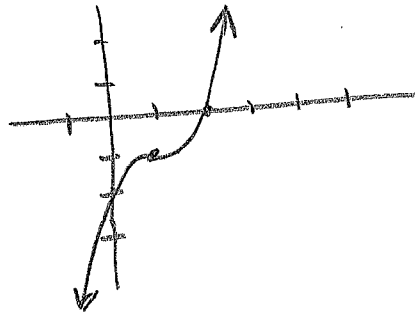
(21) BASIC SHAPE: 

SHIFT:  $\rightarrow 1 \downarrow 1$

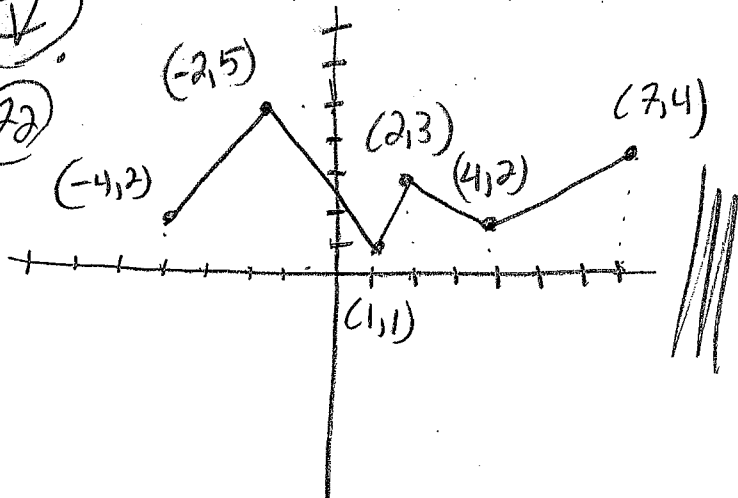
VERTEX  $\rightarrow (1, -1)$

Amp: 1

Amp PTS  $(2, 0), (0, -2)$



(22)



(23)

