

Part I Evaluate (there will be 3 of these!)

$$(1) \quad 3|-7-(-3)|$$

$$(2) \quad \frac{-6-|-3^2-(-2^3)|}{-2} = \frac{-6-|-9+8|}{-2}$$

$$(3) \quad |-3+5^2|-|8-11|+|2-5|+|-6|$$

Part II Graph: (3 of these)

$$(1) y = |x|$$

$$(2) y = |x+2| - 3$$

$$(3) y = -|x-3| + 4$$

Solve : (5 of these)

$$(1) \quad |x + 7| = 10$$

$$(2) \quad |x - 3| = 2x - 5$$

$$(3) \quad |x^2 - 3x| = 4$$

$$(4) \quad |x^2 - 3x - 4| - 4 = 0$$

Draw the reciprocal Graph of:

$$(1) \quad y = \frac{1}{2}x - 2$$

$$(2) \rightarrow y = x^2 + \underline{\underline{3}}$$

$$(3) \rightarrow y = -(\underline{\underline{x+1}})^2 + \underline{\underline{2}}$$

(4)

