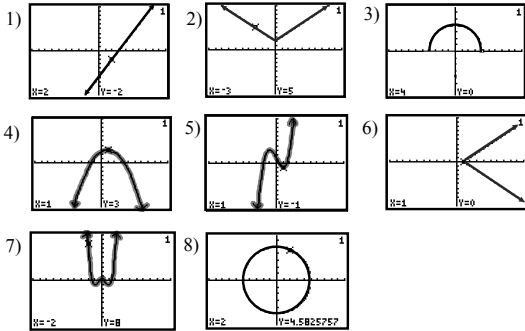
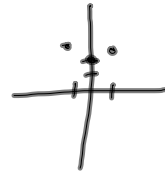


Algebra II
W.S. G-2



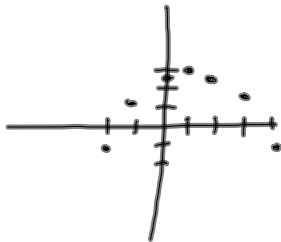
2) $y = |x| + 2$
 $(0, 2)$
 $(-1, 3)$
 $(1, 3)$

3) $y = \sqrt{16 - x^2}$
 $(0, 4)$
 $(1, 3.9)$ $(-1, 3.9)$
 $(2, 3.7)$ $(-2, 3.7)$
 $(3, 2.6)$
 $(4, 0)$
stops



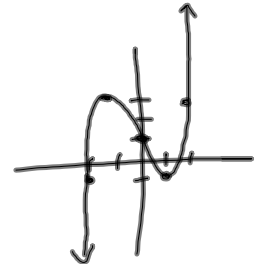
4) $y = -\frac{1}{2}(x-1)^2 + 3$

- $(0, 2.5)$
- $(1, 3)$
- $(2, 2.5)$
- $(3, 1)$
- $(4, -1.5)$



5) $y = x^3 - 3x + 1$

- $(0, 1)$
- $(1, -1)$ $(-1, 3)$
- $(2, 3)$ $(-2, -1)$
- $(3, 19)$ $(-3, -17)$

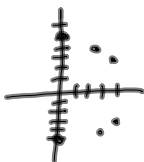


$$8) \quad x^2 + y^2 = 25$$

$$(0, \pm 5)$$

$$(3, \pm 4)$$

$$(4, \pm 3)$$



$$\sqrt{y^2} = \sqrt{25 - x^2}$$

$$|y| = \sqrt{25 - x^2}$$

$$y = \pm \sqrt{25 - x^2}$$

$$b) \quad |y| = x - 1$$

$$|y| + 1 = x$$

$$(1, 0) \quad (2, 1)$$

$$(2, 1) \quad (3, 2)$$

$$(3, 2)$$

$$7) \quad y = x^4 - 2x^2$$

$$(0, 0)$$

$$(1, -1) \quad (-1, -1)$$

$$(2, 8) \quad (-2, 8)$$

