

Section 1.4

1) $y = x$
 $y = x + 3$

2) $y = c$
 $y = -8$

3) $y = \sqrt{x}$
 $y = \sqrt{-x+3}$

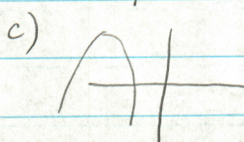
4) $y = |x|$
 $y = -|x-4| - 3$

5) $y = x^2$
 $y = -(x+1)^2 + 1$

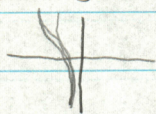
6) $y = x^3$
 $y = (x-1)^3 + 1$

7) a) $g(x) = x^2$
 b) left 10, reflected across x
 up 5

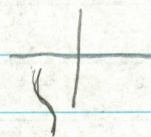
8) a) $g(x) = x^2$
 b) left 2, reflected over x,
 vertical shrink, down 2



9) a) $g(x) = x^3$
 b) left 1, reflected over x
 v. shrink



10) a) $g(x) = x^3$
 b) left 3, reflected over x,
 down 10



11) a) $g(x) = |x|$
 b) left 3 up 9

