Graph the function with a graphing calculator. Then visually estimate the domain and the range.

75. $f(x) = |x|$

76. $f(x) = |x| - 2$

77. $f(x) = 3x - 2$

78. $f(x) = 5 - 3x$

79. $f(x) = \dfrac{1}{x - 3}$

80. $f(x) = \dfrac{1}{x + 1}$

81. $f(x) = (x - 1)^3 + 2$

82. $f(x) = (x - 2)^4 + 1$

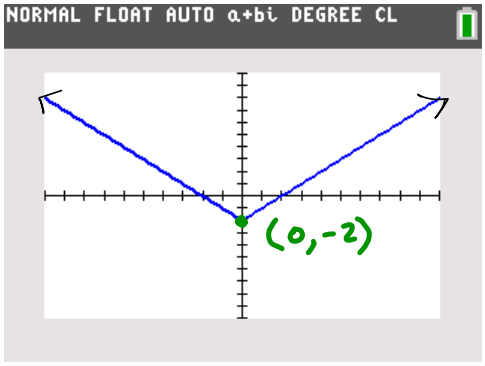
83. $f(x) = \sqrt{7 - x}$

84. $f(x) = \sqrt{x + 8}$

85. $f(x) = -x^2 + 4x - 1$

86. $f(x) = 2x^2 - x^4 + 5$

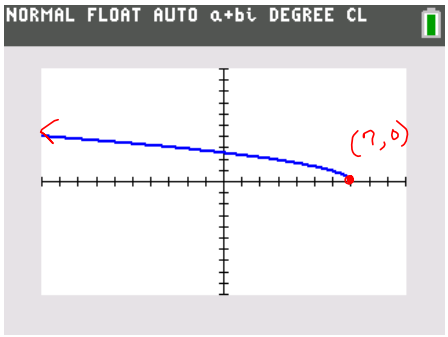
76)



Domain: $x \in (-\infty, \infty)$

Range: $y \in [-2, \infty)$

83)



Domain: $x \in (-\infty, 7]$

Range: $y \in [0, \infty)$

85) Domain: $x \in (-\infty, \infty)$

Range: $y \in (-\infty, 3]$