Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ period \_\_\_\_\_\_\_\_\_\_\_\_

**Radical Functions**

**Evaluate each function for** $f\left(x\right)=-\sqrt{x-4}+3$**.**

1) f(3) (2) f(6) (3) f(13)

4) What is the domain of this function?

**Graph the following square root functions and find the domain and range.**

4) $f\left(x\right)=\sqrt{x+2}$ (5) $y=\sqrt{x-5}-2$ (6) $y=-2\sqrt{x+1}$

7) $y=\sqrt{1-x}$ (8) $y=-3\sqrt{5-x }+7$ (9) $f\left(x\right)=2\sqrt{3-x}-9$