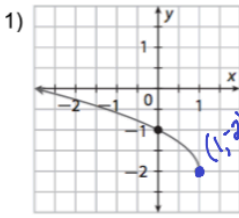
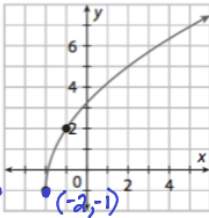


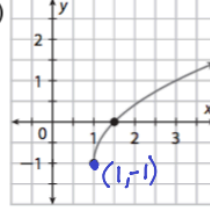
Find the Domain, Range, Intervals of Increasing and Decreasing, and End Behavior For each Function.



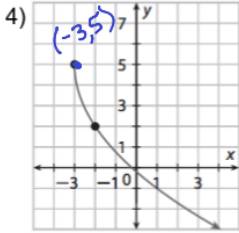
D: $x \leq 1$ $(-\infty, 1]$
 R: $y \geq -2$ $[-2, \infty)$
 I: NONE
 D: $x \leq 1$ $(-\infty, 1]$
 EB: $x \rightarrow 1, y \rightarrow -2$
 $x \rightarrow -\infty, y \rightarrow \infty$



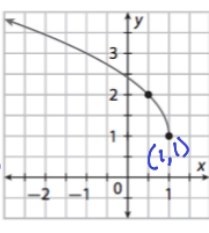
D: $x \geq -2$ $[-2, \infty)$
 R: $y \geq -1$ $[-1, \infty)$
 I: $x \geq -2$ $[-2, \infty)$
 D: NONE
 EB: $x \rightarrow \infty, y \rightarrow \infty$
 $x \rightarrow -2, y \rightarrow -1$



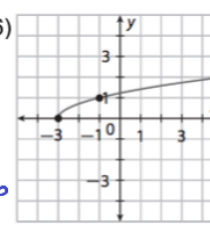
D: $x \geq 1$ $[1, \infty)$
 R: $y \geq -1$ $[-1, \infty)$
 I: $x \geq 1$ $[1, \infty)$
 D: NONE
 EB: $x \rightarrow \infty, y \rightarrow \infty$
 $x \rightarrow 1, y \rightarrow -1$



D: $x \geq -3$ $[-3, \infty)$
 R: $y \leq 5$ $(-\infty, 5]$
 I: NONE
 D: $x \geq -3$ $[-3, \infty)$
 EB: $x \rightarrow \infty, y \rightarrow -\infty$
 $x \rightarrow -3, y \rightarrow 5$

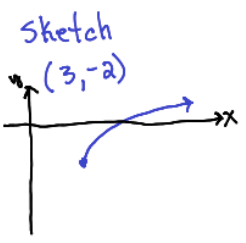


D: $x \leq 1$ $(-\infty, 1]$
 R: $y \geq 1$ $[1, \infty)$
 I: NONE
 D: $x \leq 1$ $(-\infty, 1]$
 EB: $x \rightarrow 1, y \rightarrow 1$
 $x \rightarrow -\infty, y \rightarrow \infty$

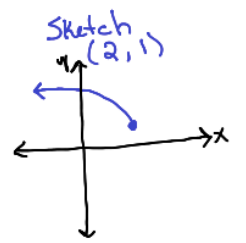


D: $x \geq -3$ $[-3, \infty)$
 R: $y \geq 0$ $[0, \infty)$
 I: $x \geq -3$ $[-3, \infty)$
 D: NONE
 EB: $x \rightarrow \infty, y \rightarrow \infty$
 $x \rightarrow -3, y \rightarrow 0$

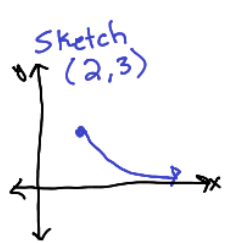
7) $g(x) = 2\sqrt{x-3} - 2$
 D: $x \geq 3$ $[3, \infty)$
 R: $y \geq -2$ $[-2, \infty)$
 I: $x \geq 3$ $[3, \infty)$
 D: NONE
 EB: $x \rightarrow \infty, y \rightarrow \infty$
 $x \rightarrow 3, y \rightarrow -2$



8) $g(x) = \sqrt{\frac{1}{2}(x-2)} + 1$
 D: $x \leq 2$ $(-\infty, 2]$
 R: $y \geq 1$ $[1, \infty)$
 I: $x \leq 2$ $(-\infty, 2]$
 D: NONE
 EB: $x \rightarrow 2, y \rightarrow 1$
 $x \rightarrow -\infty, y \rightarrow \infty$



9) $g(x) = -3\sqrt{x-2} + 3$
 D: $x \geq 2$ $[2, \infty)$
 R: $y \leq 3$ $(-\infty, 3]$
 I: NONE
 D: $x \geq 2$ $[2, \infty)$
 EB: $x \rightarrow \infty, y \rightarrow -\infty$
 $x \rightarrow 2, y \rightarrow 3$



10) $g(x) = \sqrt{\frac{1}{3}(x+2)} + 1$
 D: $x \geq -2$ $[-2, \infty)$
 R: $y \geq 1$ $[1, \infty)$
 I: $x \geq -2$ $[-2, \infty)$
 D: NONE
 EB: $x \rightarrow \infty, y \rightarrow \infty$
 $x \rightarrow -2, y \rightarrow 1$

