Intermediate Algebra B Radical Functions Re-Teach

Name Key!!

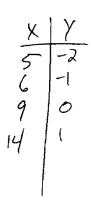
Hour 1 2 3 4 5

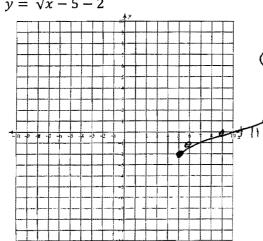
7.1 I can graph square root and cube root functions and demonstrate understanding of the significant features of its graph.

Level 1

Graph each of the following

$$1. \quad y = \sqrt{x-5} - 2$$





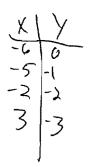
Increasing	\supset or	Decreasing? (Circle one)
Domain:	×≥5	

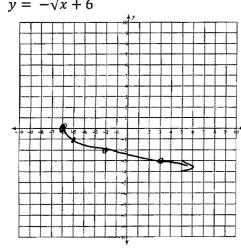
Range: $\frac{1}{2} \ge -2$

x-intercept: 1 - 9

y-intercept: **\Q** NonQ

$$2. \quad y = -\sqrt{x+6}$$



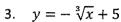


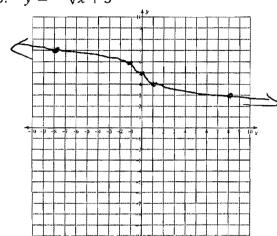
Decreasing? (Circle one) Increasing or

Domain: $\chi \geq -6$

y-intercept: y=-2

7.1 I can graph square root and cube root functions and demonstrate understanding of the significant features of its graph.



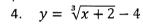


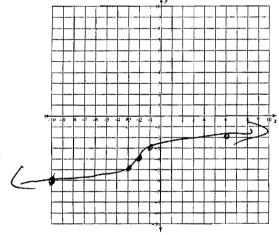
K= 8 X=-8

Decreasing? (Circle one) Increasing

Domain:

Range:_ Point of Inflection:





Increasing I

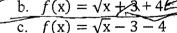
Domain:

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Range: Point of Inflection:

5. Which choice is the equation of the graph below?

a. $f(x) = \sqrt{x-3} + 4$



d. $f(x) = \sqrt{x+3} - 4$

