

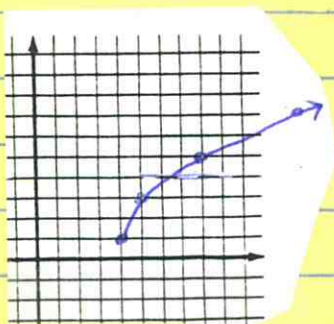
ALG 2B

Ch 7

Final Exam Review

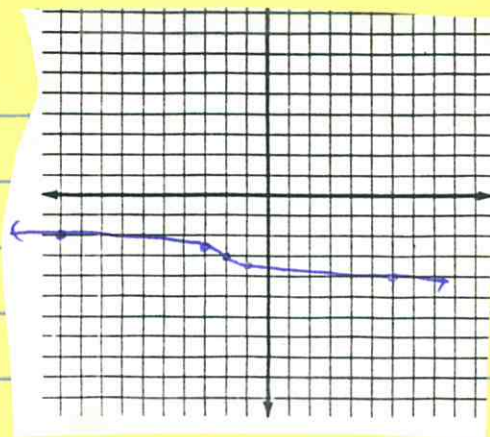
Final Table

1.	$x+4$	$y+1$
	4	1
	5	3
	8	5
	13	7



Final Table

2.	$x-2$	$y-3$
	-10	-2
	-3	$-2\frac{1}{2}$
	-2	-3
	-1	$-3\frac{1}{2}$
	6	-4



Vertical stretch of 2

Translation 4R, 1U

$D[4, \infty)$ $R[1, \infty)$

Vertical reflection

Vertical shrink $\frac{1}{2}$

Translation 2L, 3D $D+R (-\infty, \infty)$

3. $\frac{1}{16}$

4. $216a^3$

5. $x=60$

6. $x=-\frac{1}{3}$

7. $x=-2$

8. x^2+3x+1

9. x^2-3x-3

$x=-18$

15. $\frac{3}{\sqrt[3]{x^2}}$

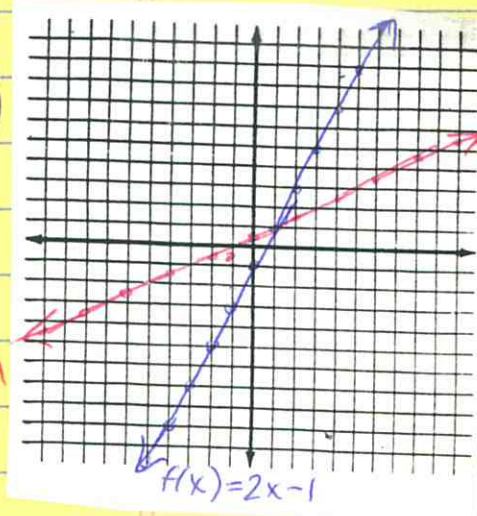
16. $2^{\frac{7}{15}}x^{\frac{7}{15}}$

10. $3x^3+2x^2-3x-2$

11. $\frac{x^2-1}{3x+2}, x \neq -\frac{2}{3}$

12. 0

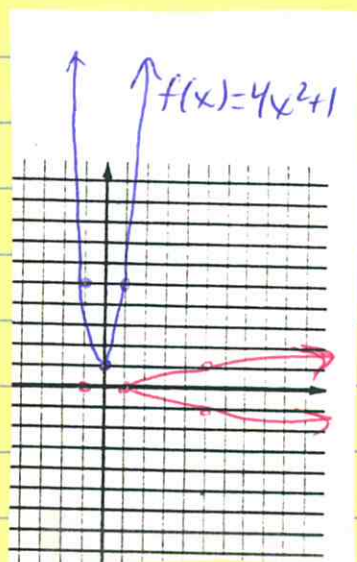
13.
a)



$f^{-1}(x) = \frac{x}{2} + \frac{1}{2}$

Is a function

14a)



$f^{-1}(x) =$

$\pm \sqrt{\frac{x-1}{4}}$

Not a function