

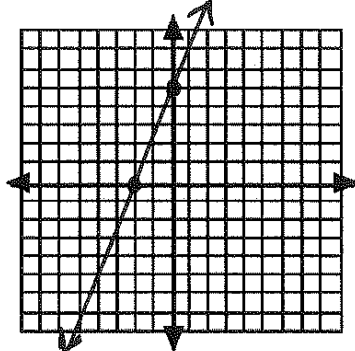
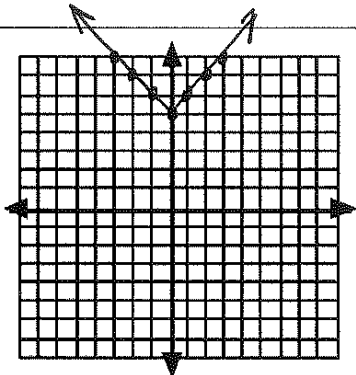
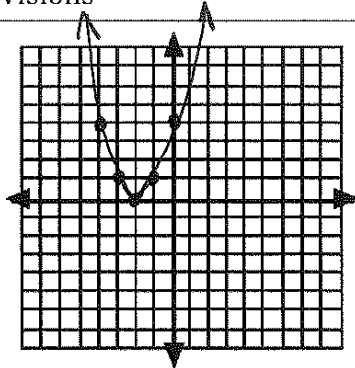


Chapter 1 Page R1

3. 94.2	8. $29x - 22y$
14. -18	$x \leq -5$ 
$-7 < x < 8$ 	$\{-10, 2\}$
$\{x x > 11 \text{ or } x < 1\}$	$\{x 1 \leq x \leq 11\}$

Chapter 2 Page R2

1. $D = \{-2, -1, 2\}$ $R = \{1, 4, 6\}$ Function? no One-to-One? no	4. x-int: -2 y-int: 5 
7a. $y = 35x + 25$ 7b. \$147.50	8. $m = -3$
12. $y = 3x - 5$	15. a. $y = 105x + 103$ b. 1678 televisions
20. 	21. 
Transformation: Shift up 5	Transformation: Shift left 2

Chapter 5 Page R5

2. $5y^2 - 6y - 4$	5. $2x^2y^3 - 5y^4$
6. $x^2 + 3x - 7$	8. $p(-2) = -21$ $p(4) = -15$
15. $(x+2)(x-3)$	18. $\{-2, 1, 5\}$
25. $\{-3, 2, 6\}$	as $x \rightarrow -\infty, f(x) \rightarrow \infty$ as $x \rightarrow \infty, f(x) \rightarrow \infty$

Chapter 3 Page R3

1. $(-2, -2)$	3. $(2, 3)$
5.	10. $(-2, 1, 3)$
15. $\begin{bmatrix} -14 & -12 & 8 \\ 17 & 16 & -7 \end{bmatrix}$	17. 11
	18. 44
24. $(-3, -2)$	

Chapter 4 Page R4

1. a) y-intercept: $(0, -3)$ AOS: $x = 0$ x-coordinate of vertex: 0	c)
b) $\begin{array}{r l} x & y \\ \hline -2 & 1 \\ -1 & -2 \\ 0 & -3 \\ 1 & -2 \\ 2 & 1 \end{array}$	
3. $\{-3, 2\}$	4. $\{-1, 3\}$
6. $\{-\frac{5}{2}, 2\}$	9. $13 - 4i$
10. 5	19. $\left\{ \frac{5 \pm \sqrt{145}}{6} \right\}$
$4 - 2i$	$-\frac{9}{2}i$