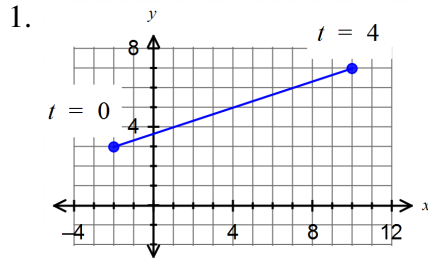
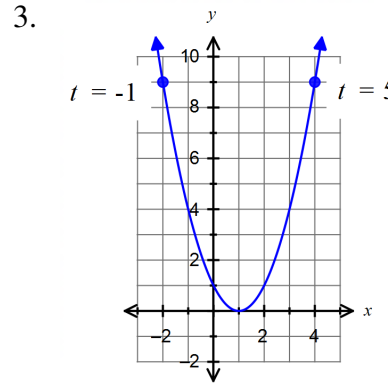


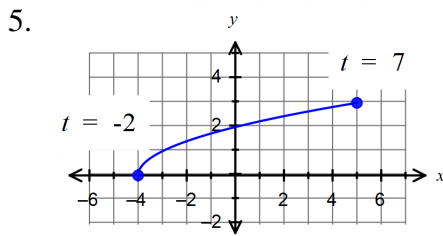
**Precalculus**  
**7.6 Odd Answers**



$t$	$(x, y)$
0	$(-2, 3)$
1	$(1, 4)$
2	$(4, 5)$
3	$(7, 6)$
4	$(10, 7)$



$t$	$(x, y)$
-1	$(-2, 9)$
0	$(-1, 4)$
1	$(0, 1)$
2	$(1, 0)$
3	$(2, 1)$
4	$(3, 4)$
5	$(4, 9)$



$t$	$(x, y)$
-2	$(-4, 0)$
-1	$(-3, 1)$
2	$(0, 2)$
7	$(5, 3)$

7.  $y = -x - 2$  line

9.  $y = x^2$  parabola

11.  $\frac{x^2}{25} + \frac{y^2}{9} = 1$  ellipse

13.  $x = \frac{3}{2}t + 2$   
 $y = 3t + 3$

15.  $x = -t + 11$   
 $y = \frac{7}{3}t - \frac{44}{3}$

17.  $x = 2\sin\theta\cos\theta$  or  $x = \sin(2\theta)$   
 $y = 2\sin^2\theta$   $y = 2\sin^2\theta$

19. a.  $x = 150\sqrt{3}t$   
 $y = -16t^2 + 150t + 5$   
 b. 9.4 seconds  
 c. 356.5625 feet  
 d. 2435.7 feet

