

SM3H 9.2 odd answers

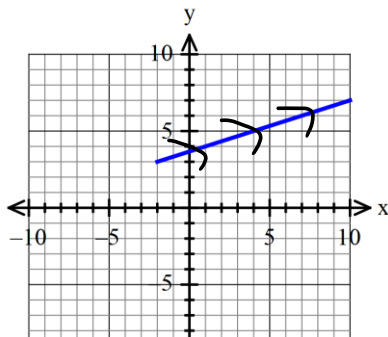
1.

t	x	y
0	1	-2
1	5	-1
1.5	7	-0.5
3	13	1

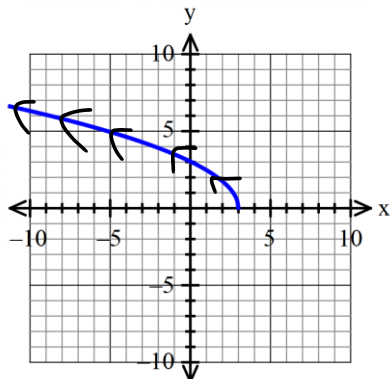
3.

t	x	y
1	1	2
2.5	6.25	6.5
$\sqrt{5}$	5	$3\sqrt{5}-1$
4	16	11
5	25	14

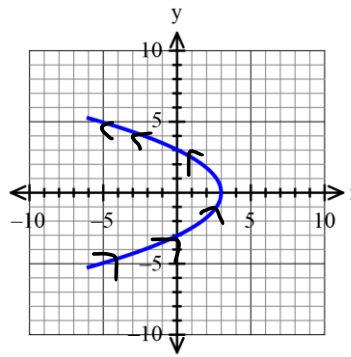
5.



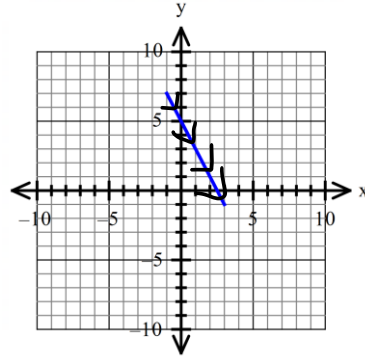
7.



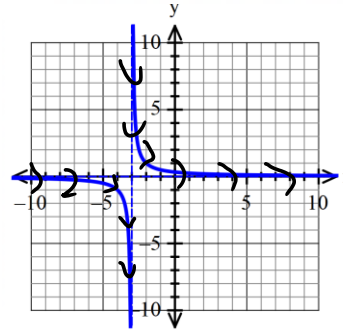
9.



11.



13.



15. quadratic

17. square root

19. cubic

21. Linear,  $y = -x - 2$

23. Quadratic,  $y = x^2 - 3$

25. circle,  $x^2 + y^2 = 25$

27. Square root,  $y = \sqrt{x - 9}$

29.  $57^\circ$ ,  $y = 35.9$  ft,  $x = 55.4$  ft

31.  $x^2 + y^2 = 2y$

33.  $x = -8, 6$

35.  $5$ ,  $\lim_{x \rightarrow -\infty} f(x) = -\infty$        $\lim_{x \rightarrow \infty} f(x) = \infty$