

L # 8 Worksheet # 9

(13, 15, 17, 27, 31, 33, 37, 41, 45, 47
63, 65, 69, 73, 75)

13. $y = -3x + 4$

15. **Extra Credit**

17.

27. $(x+4)^2 + (y-8)^2 = 64$

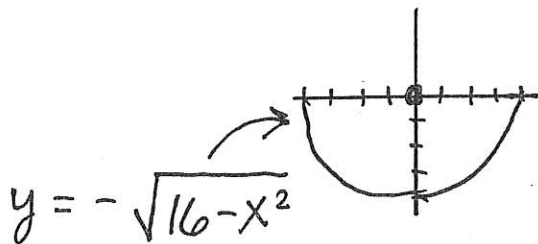
31. $(x-1)^2 + (y-1)^2 = 2$

33. C (1, 2) r = 4

37. Only Point (-1, -1)

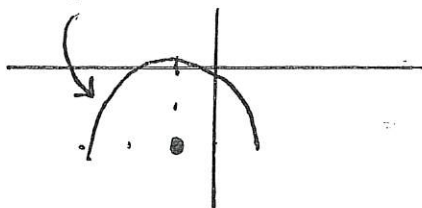
41. Not a Circle

45. A) Bottom Half of circle



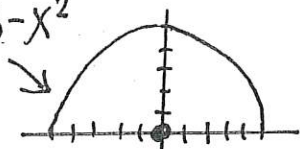
B) Top Half of Circle

$y = 2 + \sqrt{4-(x+1)^2}$ Center (-1, 2)

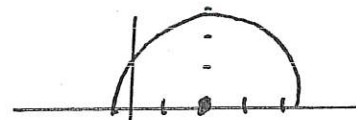


47. A) Top Half of Circle

$y = +\sqrt{25-x^2}$



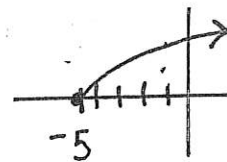
B) Top Half of Circle
Center (2, 0) r = 3



63. V = (2, 0)
x-int = (2, 0)
y-int = (0, 4)

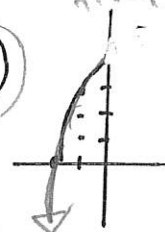
69. (0, 1 ± sqrt(3)) y-int Vertex: (3, 1)
x-int: (2, 0)

73. A)



$y = \sqrt{x+5}$

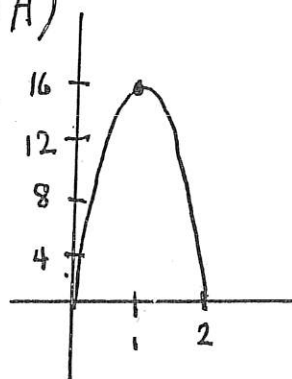
B)



x	y
-1	3
2	0
0	4

$x = -\sqrt{4-y}$

75. A)



B) t = 1 sec
16 ft