

Parametric / Polars Review

69) $(-\frac{1}{2}, -\frac{\sqrt{3}}{2})$

71) $(-\frac{3\sqrt{2}}{2}, \frac{3\sqrt{2}}{2})$

73) $(1, \pi/2)$

75) $(2\sqrt{13}, .98)$

77) $r=9$

79) $r=6\sin\theta$

81) $r^2 = 5\cos\theta \sin\theta$

83) $x^2 + y^2 = 25$

85) $x^2 + y^2 - 3x = 0$

87) skip

99) Go through

101) our whole

103) process to

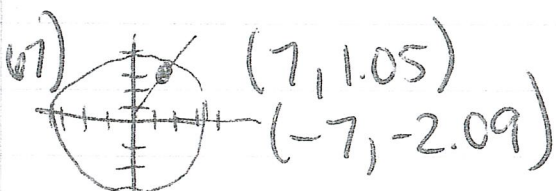
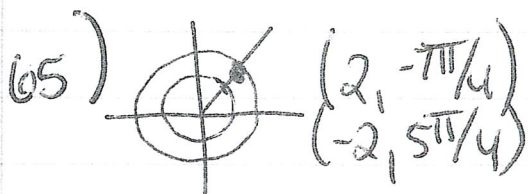
105) graph

107) $r = \frac{4}{1-\cos\theta}$

114) F - par. EQ. are not unique

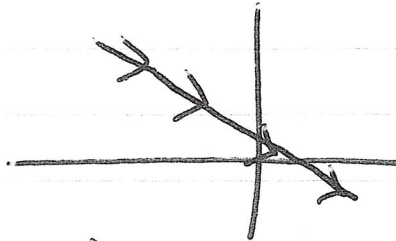
115) F - there are infinite

117) a) same graph
b) same graph



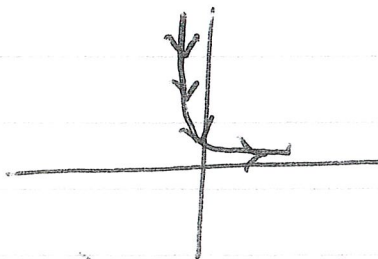
53)

t	x	y
-2	-8	15
-1	-5	11
0	-2	7
1	1	3
2	4	-1



54)

t	x	y
-2	-1/2	6
-1	-1/4	3
0	0	2
1	1/4	3/2
2	1/2	4/5



55) a) graph b) $y=2x$

57) a) graph b) $y = \sqrt[4]{x}$

59) a) graph b) $x^2 + y^2 = 9$

61) $x = -4 + 13t$ $y = 4 - 14t$

63) $x = -3 + 4\cos\theta$
 $y = 4 + 3\sin\theta$