1. Which of the following is correct intersection plot: 60 $e=-p^2+3p-1$ 40 Intersection 1 Intersection 2 20 10 p -5 200 $t=-n^2+n+1$ $t = \frac{53}{4} - 2 \text{ n}$ _5Tangent Line -50 -100 -150 g 200 150 $g=2c^2+2c+3$ 100 g=2c+350 10 c Tangent Line 100 50 $t=-m^2+2m+3$ t=4 m – 45 -50 -100 -150 Solution g 200 $-g=2c^2+2c+3, 2, 2, 3, 2, 3, \{0, 3\}$ 150 -g=2c+3

100

50

Tangent Line

10 c