1. Which of the following is correct intersection plot: -5 Intersection 1 -20 Intersection 2 -- x=d² - 1 -- x=-3 d - $\frac{53}{4}$ -40 -60 300 200 -- n=-2 y² + 2 y + 2 100 $-- n = \frac{25}{2}$ -100 Tangent Line -200 20 -5 -20 $-- x=-b^2+b-1$ -x=b+9-40 -60 -80 50 $--- f=j^2 + 2 j - 1$ -50 - f=23 - 3 j -100 -150 -200 Solution Χ 20 _ b -5 5 $-x=-b^2+b-1$ -20

-x = b + 9-40 -60 -80