200 150 100  $f = j^2 + 2$ \_ f=18 50 10 j -5 -50 Intersection 2 Intersection 1  $- k=2 y^2$ k=-4y-12-100 -150 -200 150  $p=2 s^2 - 2 s - 1$ 100 p=2 s - 13 50 -5 100 80 d=2 r<sup>2</sup> - r + 1 60  $- d=9 r - \frac{43}{2}$ 40 20 10 r Tangent Line р 150

1. Which of the following is correct intersection plot:

Solution  $p=2s^2-2s-1$  , 2, -2, -1, 2, -13 100 \_ p=2 s - 13 50 -5