200 150 u=-2 a² + 3 a - 1 100 u=7 a - 31 50 100 80 $-x=-2 \text{ m}^2 + 3 \text{ m} - 3$ $x = \frac{39}{2} - 7 \text{ m}$ Intersection 1 Intersection 2⁵ 20 __ c=-f² - f + 1 -20 -- c= $\frac{45}{4}$ - 2 f -40 -60 -80 -100 40 20 Tangent Line u=3 n + 9 -40 -60 -80 -100 Solution 20 - $c=-f^2-f+1$ - $c=\frac{45}{4}-2f$, -1, -1, 1, -2, $\frac{45}{4}$ -20 -40

-60 -80 -100

1. Which of the following is correct intersection plot: