200 150 $v = -2k^2 + 2k - 2$ - v=8 k + $\frac{25}{2}$ 100 Intersection 2 50 -Intersection 1 10 k 50 -100 200 150 $s=2 n^2 - n - 3$ 100 $s=-3 n - \frac{27}{2}$ 50 10 n -5 5 -50 100 80 60 $q=2 f^2 + 2 f - 3$ $-q=12 f - \frac{51}{2}$ 40 20 10 f Tangent Line 200 150

1. Which of the following is correct intersection plot:

$$-q=2f^{2}+2f-3$$

$$-q=12f-\frac{51}{2}$$
Solution
$$-s=2n^{2}-n-3$$

$$-s=-3n-\frac{27}{2}$$
 $, 2, -1, -3, -3, -\frac{27}{2}$