Intersection 1 -20 $-- e = -q^2 - 3q$ -40 $-e = \frac{41}{4} - 4q$ -60 Intersection 2 -80 -100 -120 100 50 Tangent Line - d=2 w² - 2 w + 2 5 - d=6 w - 16 -50 -100 -150 -200 120 $f=w^2 + 2w + 1$ 40 10 W -5 -20 200 150 100 $a=w^2 - 2 w$ - a=35 50 -5 -50 Solution 120 100 - $f=w^2+2w+1$ 37
, 1, 2, 1, 1, $-\frac{37}{4}$ 80 60 — f=w - $\frac{37}{4}$

40

-20

10 w

1. Which of the following is correct intersection plot: