20 10 v Tangent Line -20 $- w=2 v^2 + 1$ -40 - w=6 v $-\frac{27}{2}$ -60 -80 -100 -120 200 150 $e=2 d^2$ $e=6 d - \frac{29}{2}$ 100 Intersection 2 Intersection 1 10 d -5 100 80 60 $a=g^2-g+3$ 40 a = -3g - 820 10 g -20 -40 120 100 80 $k=2-2e^2$ 60 k = -8e - 840 20 ___ e -20 Solution 80 60 $-a=g^2-g+3$, 1, -1, 3, -3, -8 40 -a=-3g-820 10 g

> -20 -40

1. Which of the following is correct intersection plot: