1. Which of the following is correct intersection plot:
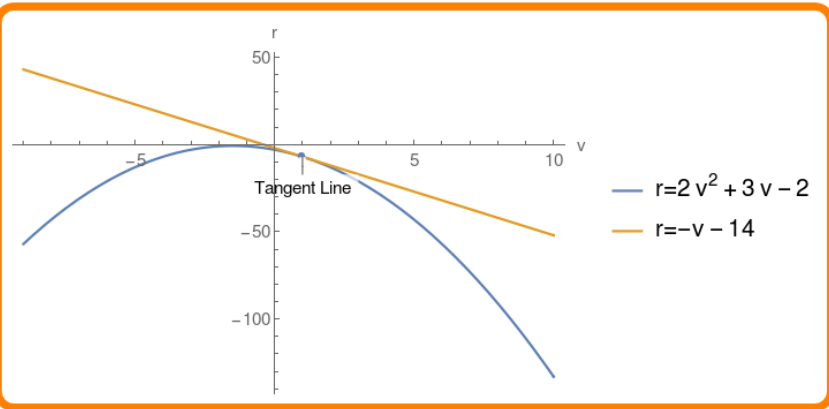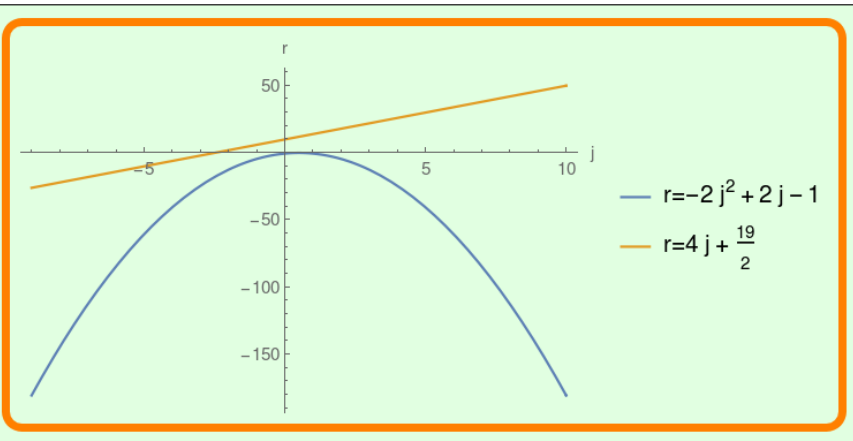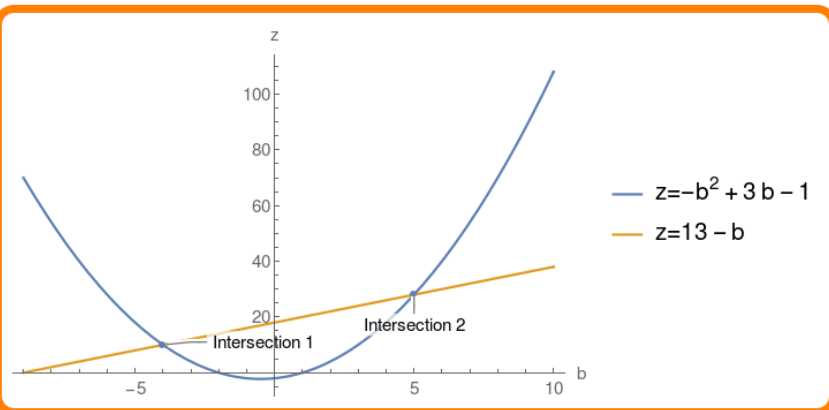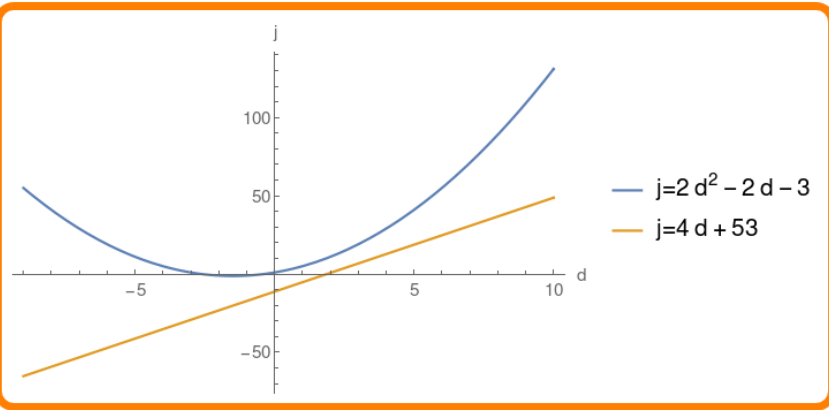

$j = 2d^2 - 2d - 3$
$j = 4d + 53$

$z = -b^2 + 3b - 1$
$z = 13 - b$

Intersection 1
Intersection 2

$r = -2j^2 + 2j - 1$
$r = 4j + \frac{19}{2}$

Tangent Line

$r = 2v^2 + 3v - 2$
$r = -v - 14$

Solution

$r = -2j^2 + 2j - 1$
$r = 4j + \frac{19}{2}$

$\left\{ \quad , -2, 2, -1, 4, \frac{19}{2} \right\}$