1. Which of the following is correct intersection plot:
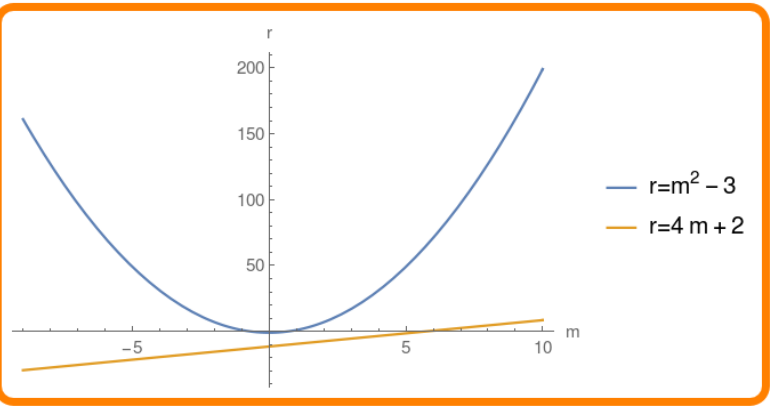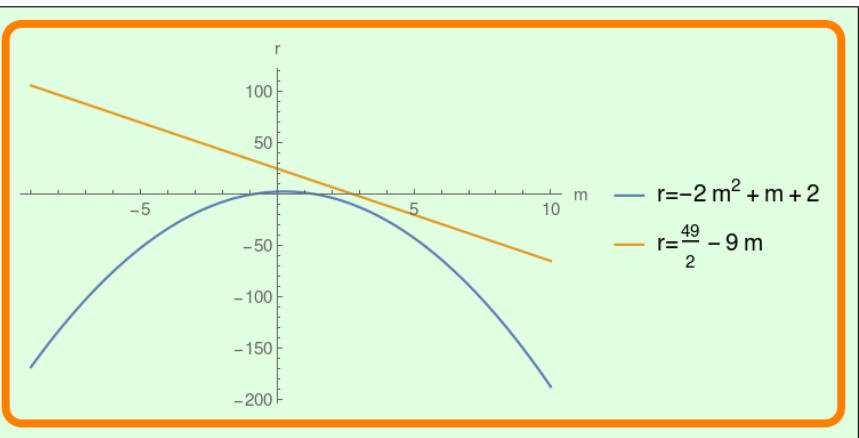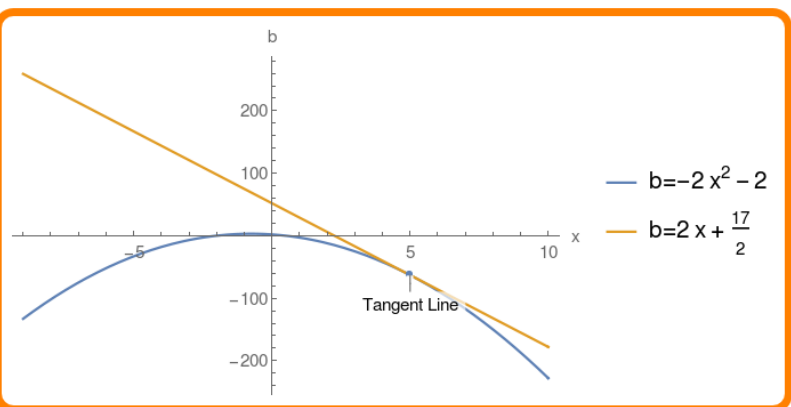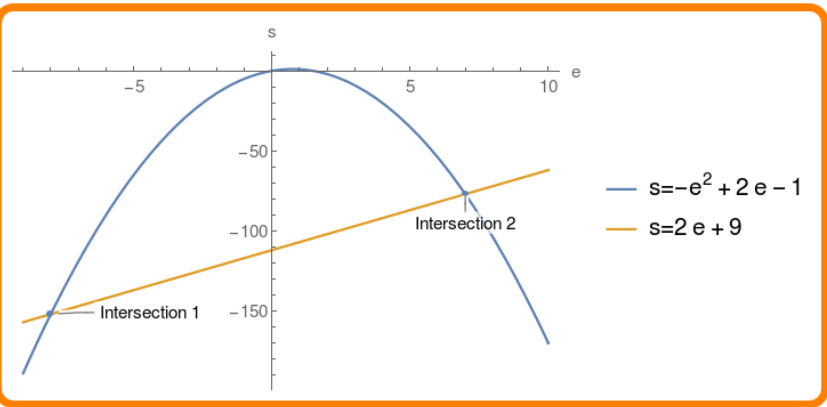

$s = -e^2 + 2e - 1$
$s = 2e + 9$

Intersection 2

Intersection 1

$b = -2x^2 - 2$
$b = 2x + \frac{17}{2}$

Tangent Line

$r = -2m^2 + m + 2$
$r = \frac{49}{2} - 9m$

$r = m^2 - 3$
$r = 4m + 2$

Solution

$r = -2m^2 + m + 2$

$\left\{ , -2, 1, 2, -9, \frac{49}{2} \right\}$

$r = \frac{49}{2} - 9m$