1. Which of the following is correct intersection plot:
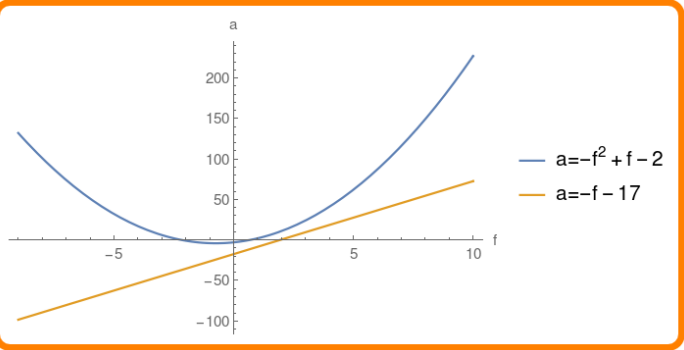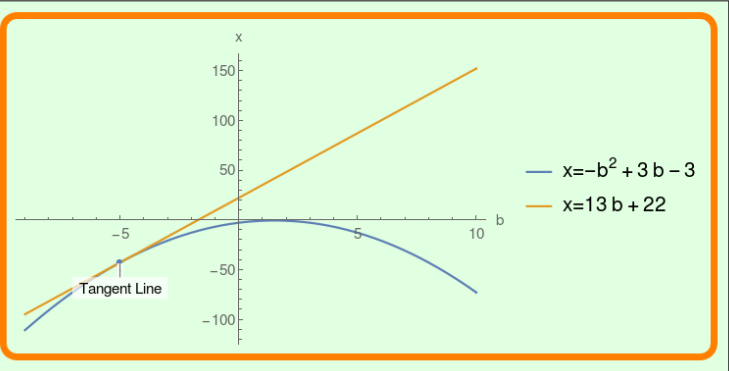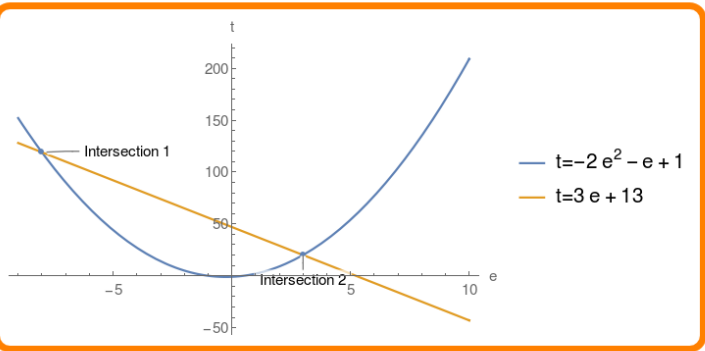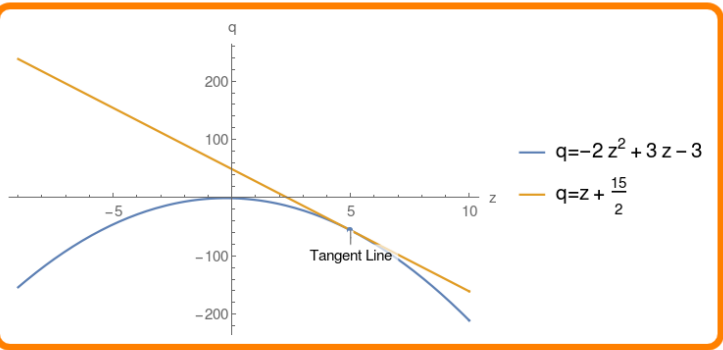

$q = -2z^2 + 3z - 3$
$q = z + \frac{15}{2}$
Tangent Line

Intersection 1
$t = -2e^2 - e + 1$
$t = 3e + 13$
Intersection 2

$x = -b^2 + 3b - 3$
$x = 13b + 22$
Tangent Line

$a = -f^2 + f - 2$
$a = -f - 17$

Solution

$\left\{ \right.$ $x = -b^2 + 3b - 3$, $-1, 3, -3, 13, 22, \{-5, -43\}$ $\left. \right\}$
$x = 13b + 22$
Tangent Line