1. Which of the following is correct intersection plot:
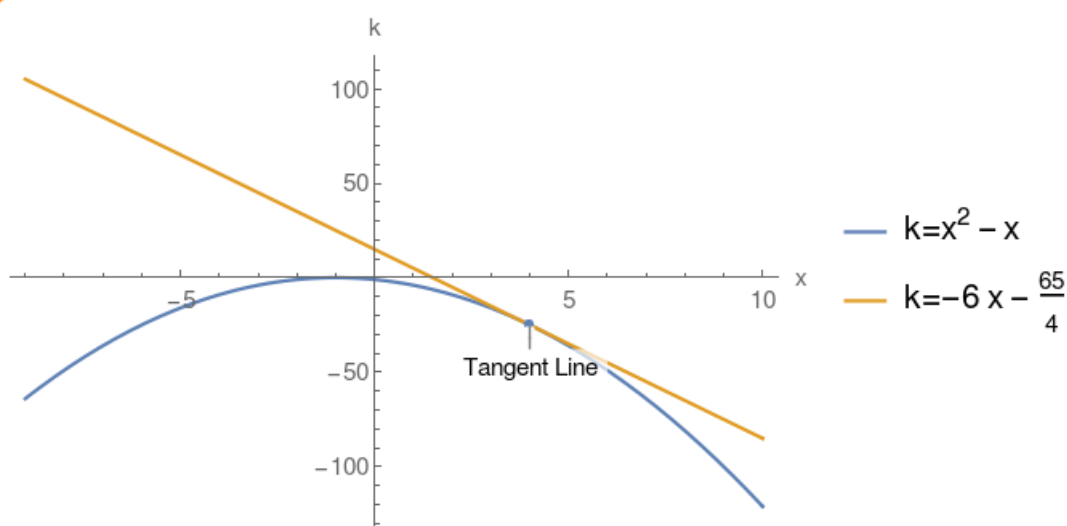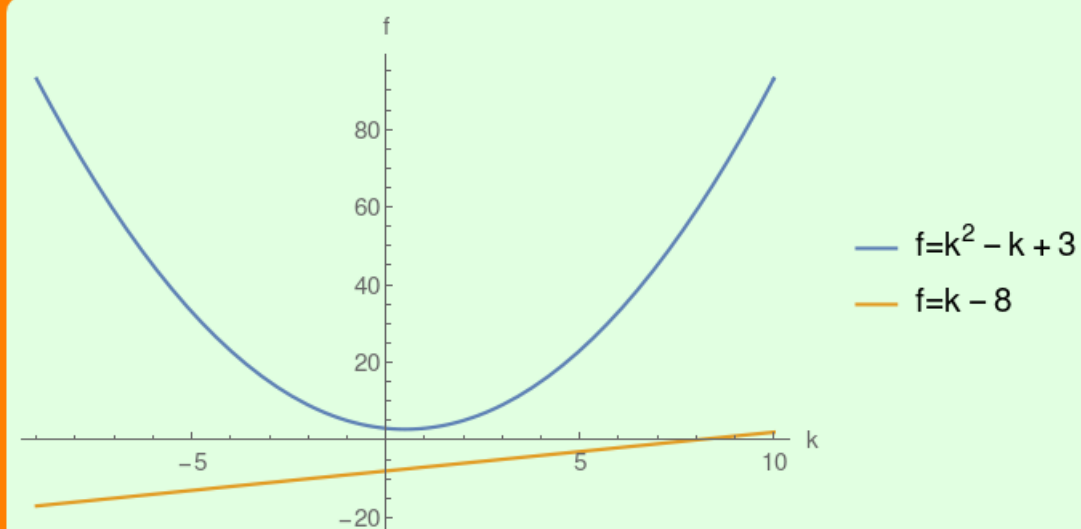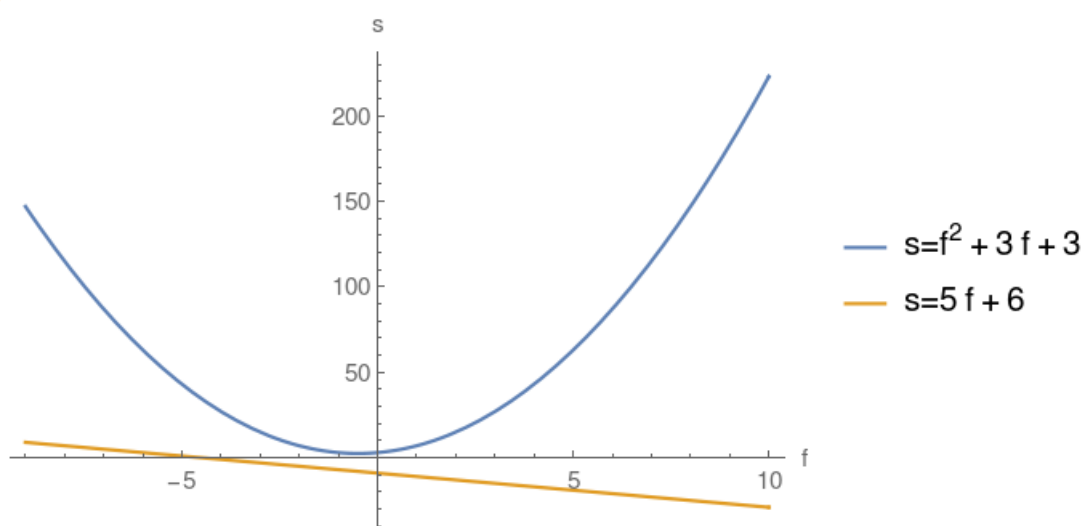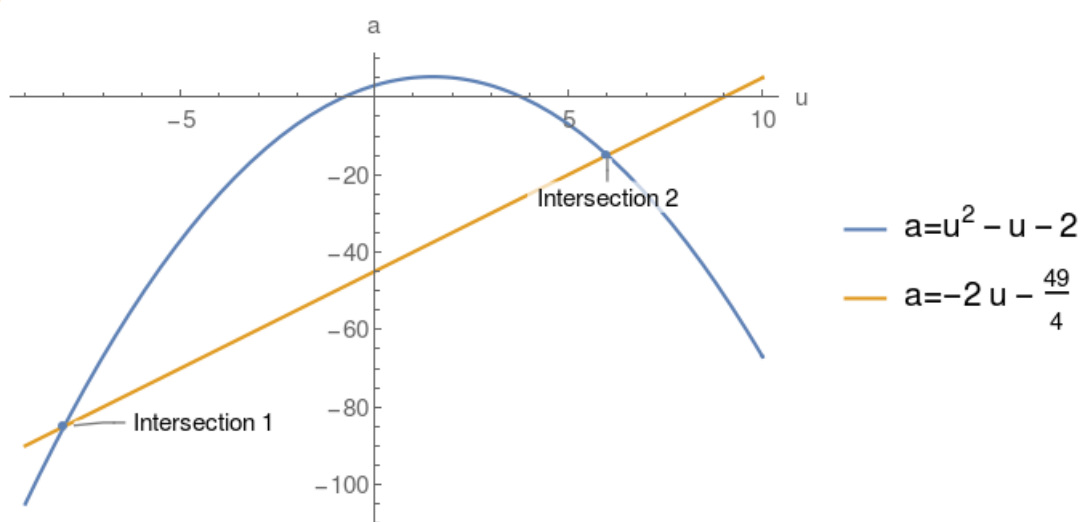

$a = u^2 - u - 2$

$a = -2u - \frac{49}{4}$

Intersection 1
Intersection 2

$s = f^2 + 3f + 3$

$s = 5f + 6$

$f = k^2 - k + 3$

$f = k - 8$

$k = x^2 - x$

$k = -6x - \frac{65}{4}$

Tangent Line

Solution

$f = k^2 - k + 3$

$f = k - 8$