1. Which of the following is correct intersection plot:
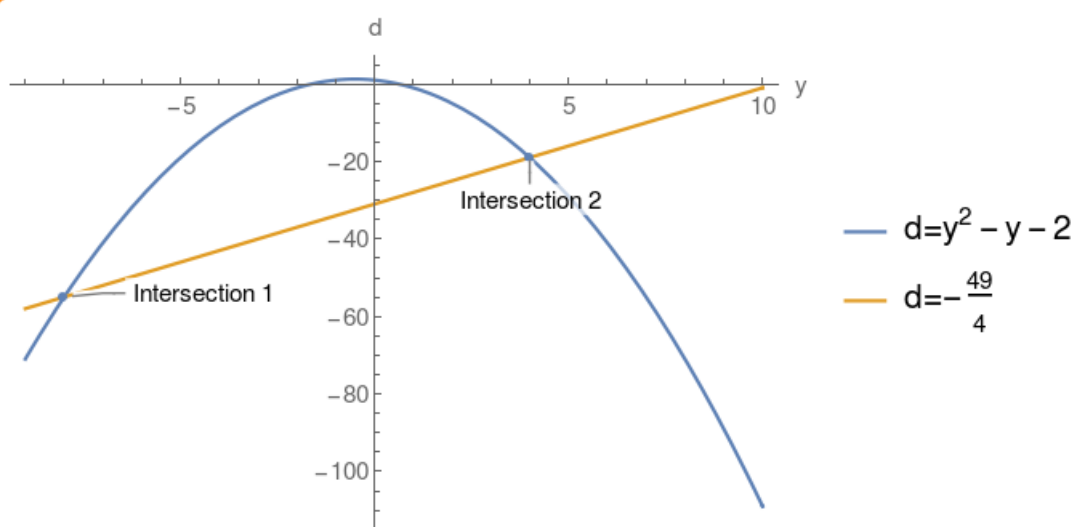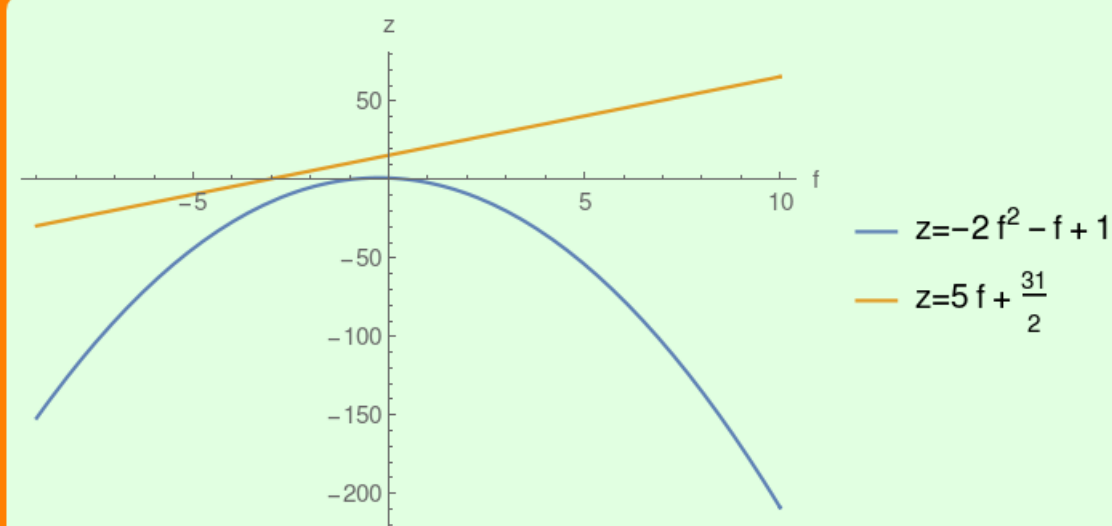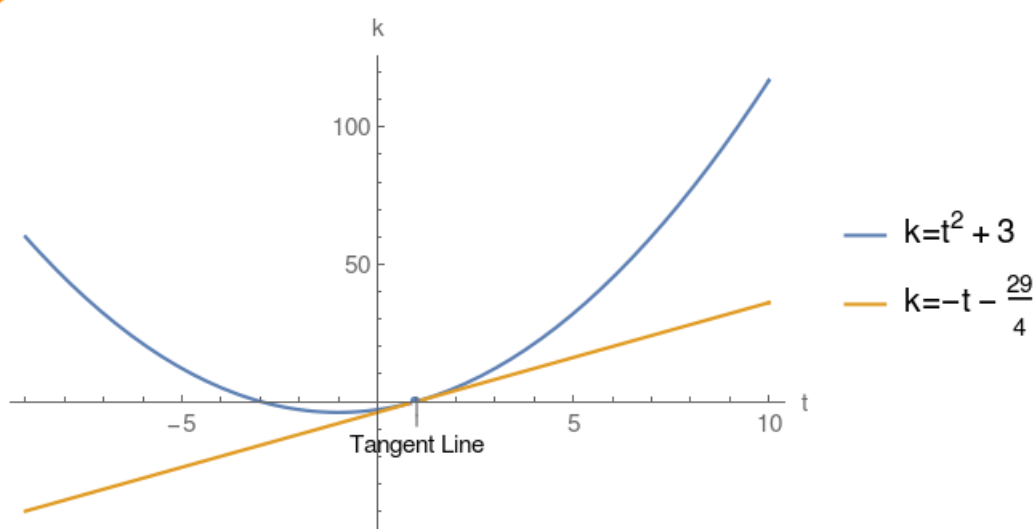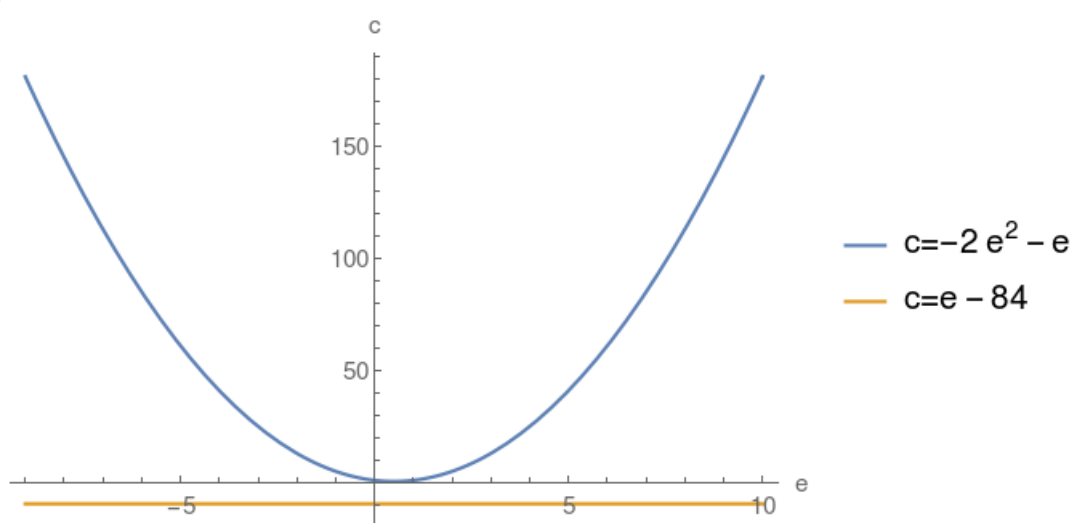

Legend:
$c = -2e^2 - e$
$c = e - 84$

Legend:
$k = t^2 + 3$
$k = -t - \frac{29}{4}$

Tangent Line

Legend:
$z = -2f^2 - f + 1$
$z = 5f + \frac{31}{2}$

Intersection 2
Intersection 1

Legend:
$d = y^2 - y - 2$
$d = -\frac{49}{4}$

Solution

Legend:
$z = -2f^2 - f + 1$
$z = 5f + \frac{31}{2}$