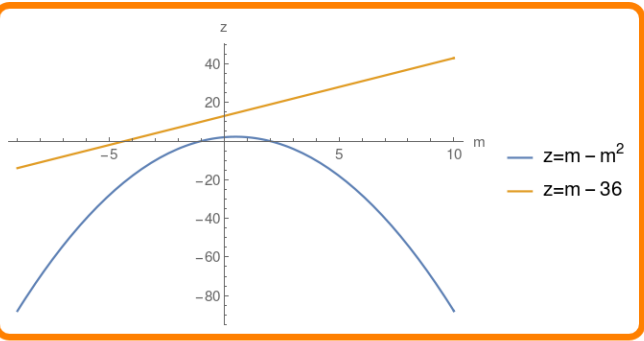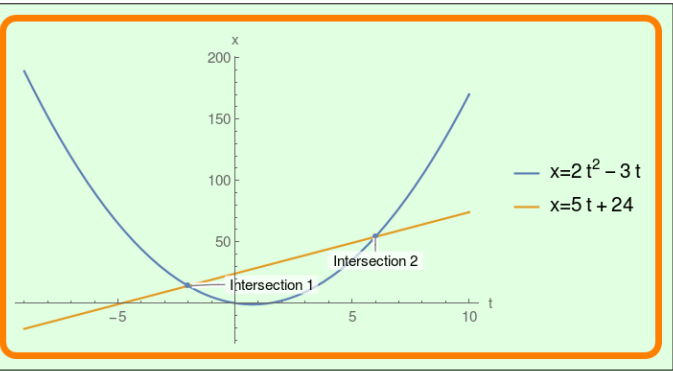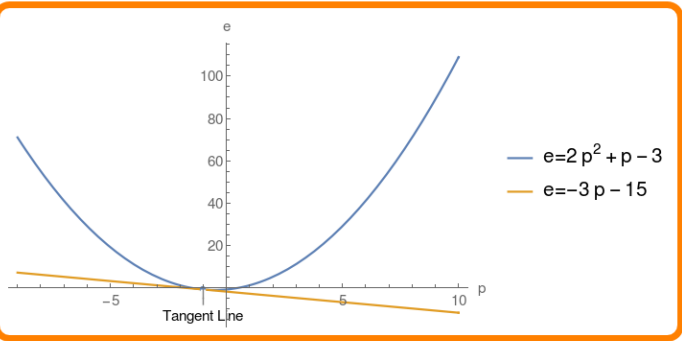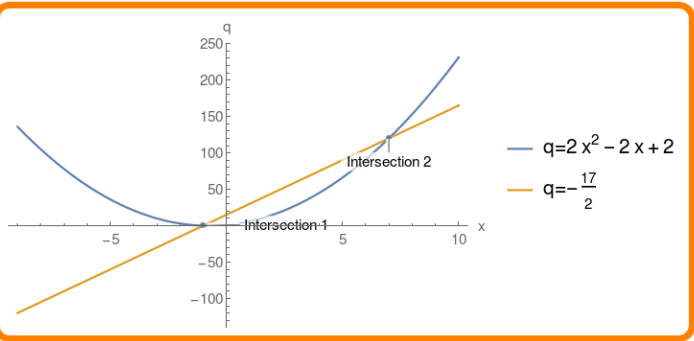1. Which of the following is correct intersection plot:

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

Intersection 2
Intersection 1

$e = 2p^2 + p - 3$
$e = -3p - 15$

Tangent Line

$x = 2t^2 - 3t$
$x = 5t + 24$

Intersection 2
Intersection 1

$z = m - m^2$
$z = m - 36$

Solution

$\left\{ \begin{array}{l} x = 2t^2 - 3t \\ x = 5t + 24 \end{array} \right., 2, -3, 0, 5, 24, \{-2, 14\}, \{6, 54\} \}$

Intersection 2
Intersection 1