1. Which of the following is correct intersection plot:
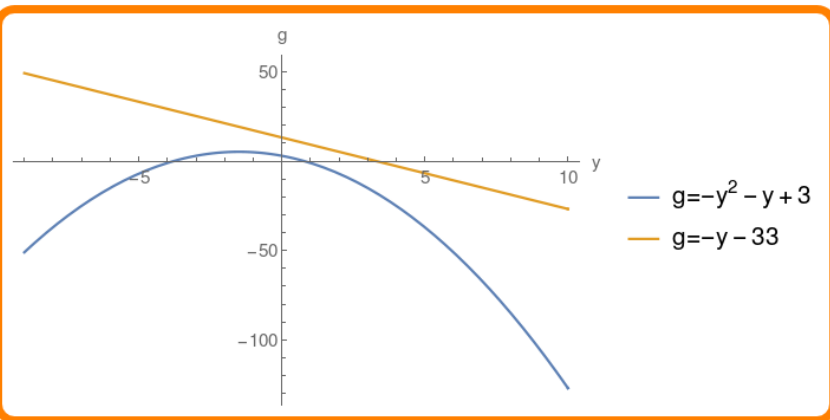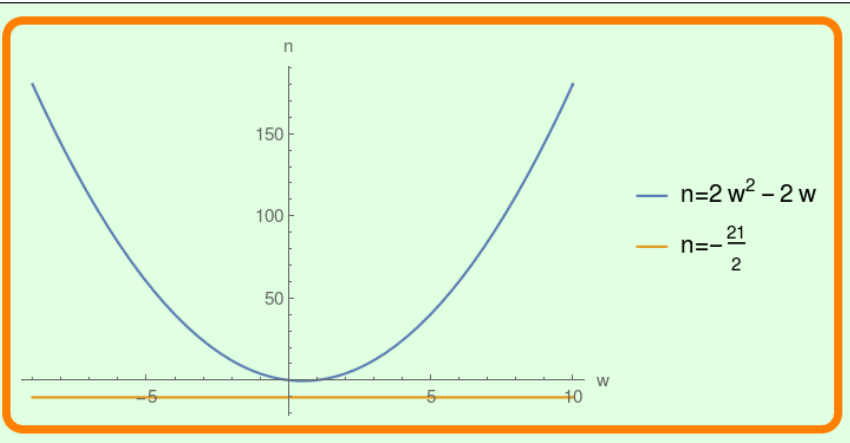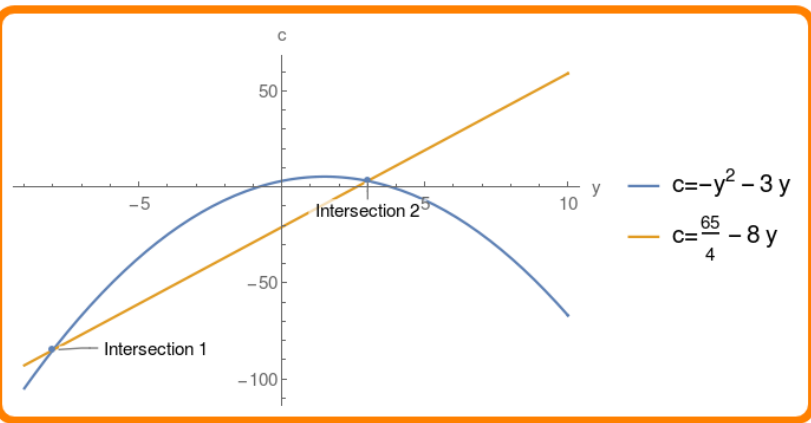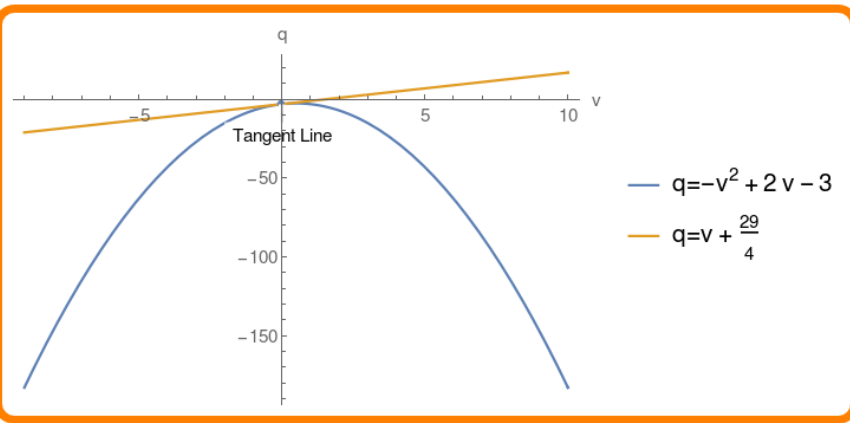

$q = -v^2 + 2v - 3$

$q = v + \frac{29}{4}$

Tangent Line

$c = -y^2 - 3y$

$c = \frac{65}{4} - 8y$

Intersection 2

Intersection 1

$n = 2w^2 - 2w$

$n = -\frac{21}{2}$

$g = -y^2 - y + 3$

$g = -y - 33$

Solution

$\left\{ \begin{array}{c} n = 2w^2 - 2w \\ n = -\frac{21}{2} \end{array} \right., \; 2, \; -2, \; 0, \; 0, \; -\frac{21}{2} \right\}$