1. Which of the following is correct intersection plot:
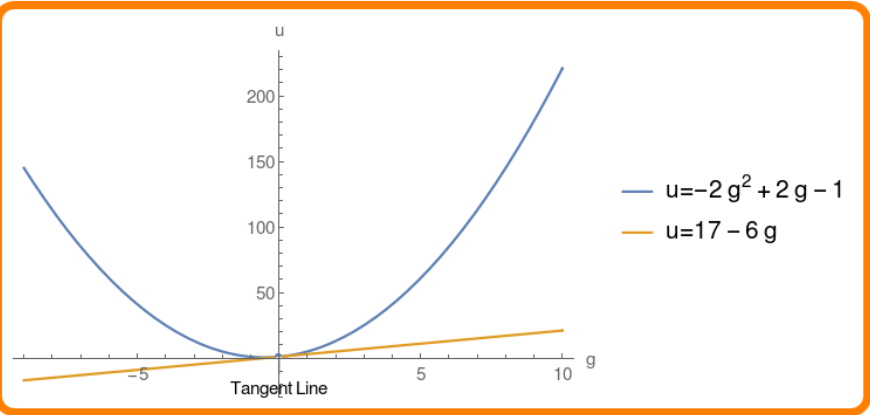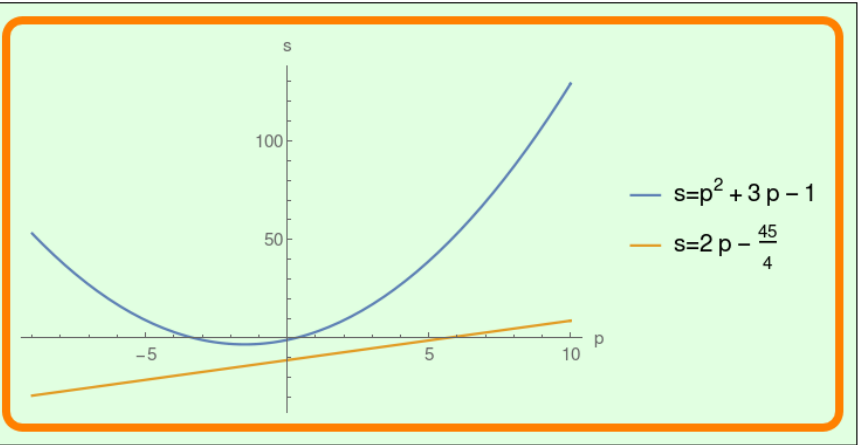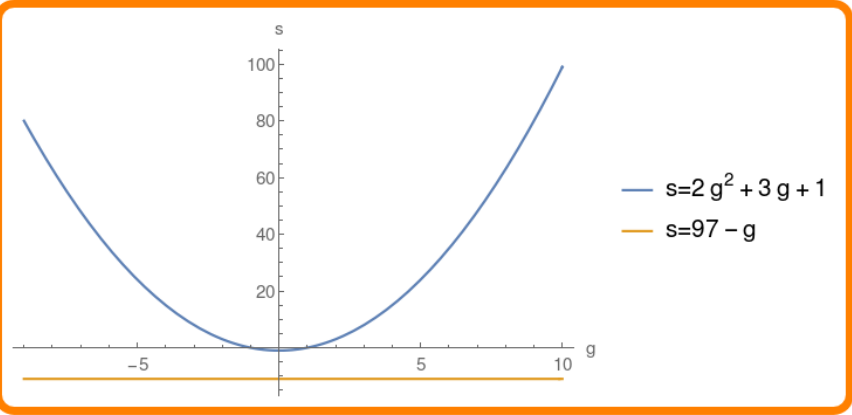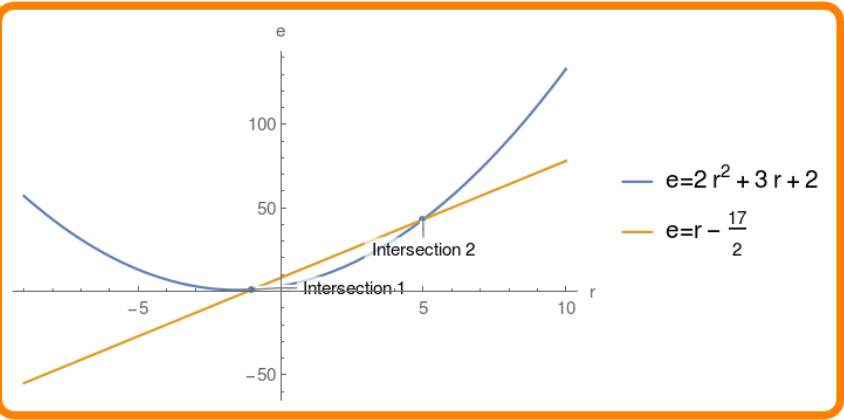

Legend:
- $e = 2r^2 + 3r + 2$
- $e = r - \frac{17}{2}$

Intersection 2
Intersection 1

Legend:
- $s = 2g^2 + 3g + 1$
- $s = 97 - g$

Legend:
- $s = p^2 + 3p - 1$
- $s = 2p - \frac{45}{4}$

Legend:
- $u = -2g^2 + 2g - 1$
- $u = 17 - 6g$

Tangent Line

Solution

$\left\{ \right.$

Legend:
- $s = p^2 + 3p - 1$
- $s = 2p - \frac{45}{4}$

$, \ 1, \ 3, \ -1, \ 2, \ -\frac{45}{4} \left. \right\}$