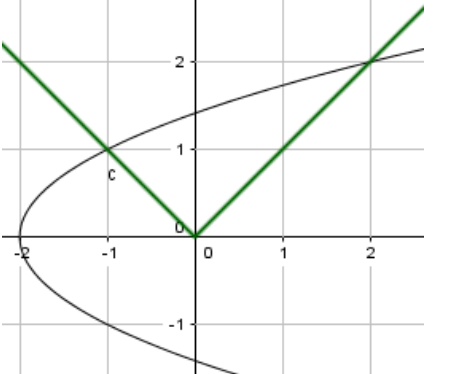
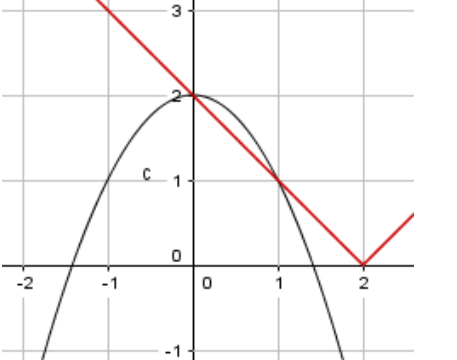
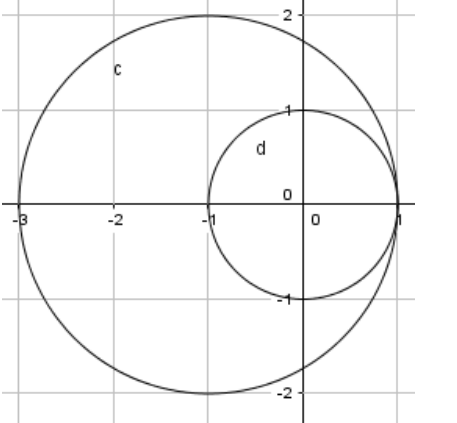
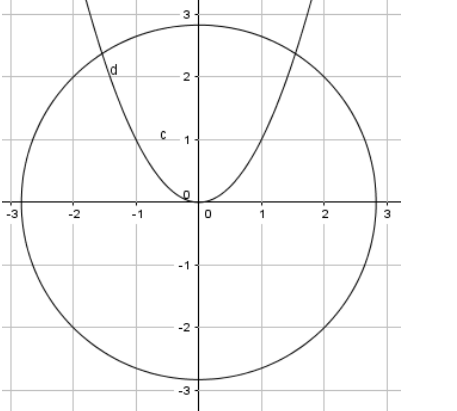
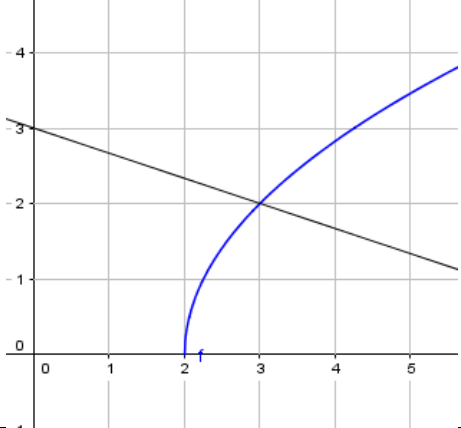
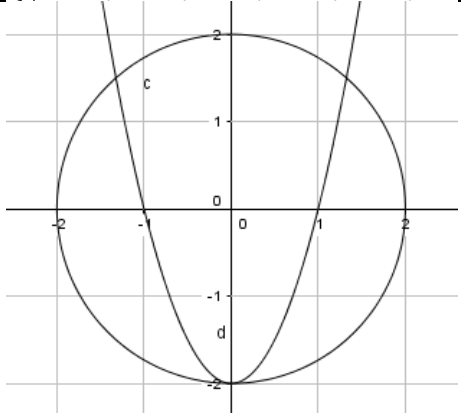


VD 7.1

Solve the following system of equations

<p>1. $\begin{cases} y = x \\ y^2 = x + 2 \end{cases}$</p>	<p>$(2, 2)$ $(-1, 1)$</p>	
<p>2. $\begin{cases} y = -x^2 + 2 \\ y = x - 2 \end{cases}$</p>	<p>$(0, 2)$ $(1, 1)$</p>	
<p>3. $\begin{cases} (x+1)^2 + y^2 = 4 \\ x^2 + y^2 = 1 \end{cases}$</p>	<p>$(1, 0)$</p>	
<p>4. $\begin{cases} y = x^2 \\ x^2 + y^2 = 8 \end{cases}$</p>	<p>$\left(\pm \frac{\sqrt{-2+2\sqrt{33}}}{2}, \frac{-1+\sqrt{33}}{2} \right)$</p>	

VD 7.1

5. $\begin{cases} y = 2\sqrt{x-2} \\ y = -\frac{1}{3}x + 3 \end{cases}$	$(3, -2)$	
6. $\begin{cases} x^2 + y^2 = 4 \\ 2x^2 - y = 2 \end{cases}$	$\left(\pm \frac{\sqrt{7}}{2}, \frac{3}{2}\right)$ $(0, -2)$	
7. $\begin{cases} y = -\frac{1}{4}(x-3)^2 \\ y = -2\sqrt{x-3} \end{cases}$	$(3, 0)$ $(7, -4)$	