1. $y = \dfrac{1}{\sqrt{1-x^4-x^2}}$

2. $y = e^{\sqrt{x+\sqrt{x}}}$

3. $y = \dfrac{x^2+1}{3(x^2-1)} + (x^2 - 1)(1 - x)$

4. $y = \sqrt{x + \sqrt{x + \sqrt{x}}}$