1. $y = x^5 - 0.125x^2 + 0.25x$

$y' = 5x^4 - 0.125 \times 2x + 0.25$

2. $y' = -0.7 \cdot 3x^2 + 0.3 \cdot 7x^6$

3. $y' = 3x^2 - 3(2x)$

4. $y = 7x^1 + \sqrt{7}$

5. $y' = (x+1)^2(2x+2) + 2(x+1)(1)(x^2+2x)$

6. $y' = (2x-5)(-1)(4-x)^{-2}(-1) + (2)(4-x)^{-1}$

7. $y' = 3(\theta^2 + \sec\theta + 1)^2(2\theta + \sec x \tan x)$

8. $y' = 2\left(-1 - \frac{\sec\theta}{2} - \frac{\theta^2}{4}\right)\left(-\frac{-\csc x \cot x}{2} - \frac{2\theta}{4}\right)$

9. $s' = \frac{\sqrt{t}}{1+\sqrt{t}}$

$= \frac{(1+\sqrt{t})\frac{1}{2\sqrt{t}} - \frac{1}{2\sqrt{t}}\sqrt{t}}{(1+\sqrt{t})^2}$

10. $s' = -(\sqrt{t}-1)^{-2} \cdot \frac{1}{2\sqrt{t}}$

11. $y' = 2 \cdot 2$

NA