1)
$$y = (x^3 + 3)^5$$

2) $y = (-3x^5 + 1)^3$

3)
$$y = (-5x^3 - 3)^3$$

4) $y = (5x^2 + 3)^4$

5)
$$f(x) = \sqrt[4]{-3x^4 - 2}$$
 6) $f(x) = \sqrt{-2x^2 + 1}$

7)
$$f(x) = \sqrt[3]{-2x^4 + 5}$$

8) $y = (-x^4 - 3)^{-2}$

9)
$$y = (3x^3 + 1)(-4x^2 - 3)^4$$

10)
$$y = \frac{(x^3 + 4)^5}{3x^4 - 2}$$

11)
$$y = ((x+5)^5 - 1)^4$$

12)
$$y = (5x^3 - 3)^5 \sqrt[4]{-4x^5 - 3}$$