習題集 6

1. Sketch the graph of $y = x^4 - x$.

2. Sketch the graph of $y = x^5 - 5x$.

3. Sketch the graph of $y = \dfrac{x^3}{x^2 + 1}$.

4. Sketch the graph of $y = \dfrac{x^3}{x^2 - 9}$.

5. Sketch the graph of $y = \dfrac{x^2}{\sqrt{x+1}}$.

6. Sketch the graph of $y = \dfrac{\sqrt{1-x^2}}{x}$.

7. Sketch the graph of $y = \dfrac{e^x}{x^2}$.

8. Sketch the graph of $y = xe^x$.

9. Sketch the graph of $y = \dfrac{1}{x-1} + \dfrac{1}{x-4}$.

10. Sketch the graph of $y = 3x^{\frac{2}{3}} - 2x$.