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1. Sketch the graph of  $f(x) = \frac{x^2}{x^2 + 5}$
  2. Sketch the graph of  $f(x) = (9 - x^2)^4$
  3. Sketch the graph of  $f(x) = \sqrt{x}(x + 6)$
  4. Sketch the graph of  $f(x) = x^{2/3} - x^{5/3}$
  5. Sketch the graph of  $f(x) = \frac{x}{x^2 - 1}$
  6. Sketch the graph of  $f(x) = \frac{\cos x}{1 + \sin x}$
  7. Sketch the graph of  $f(x) = \frac{e^x}{x^3}$