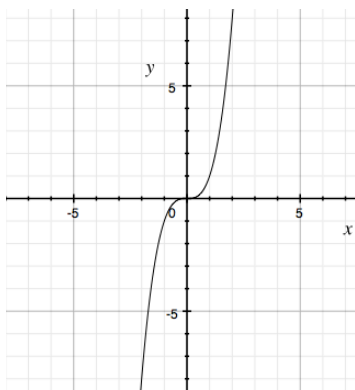
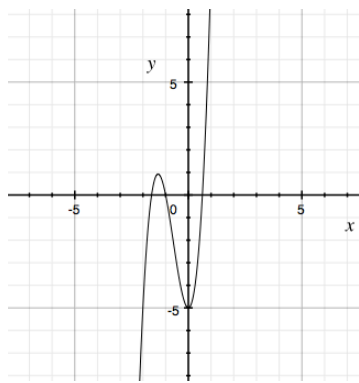


Number:
Title:

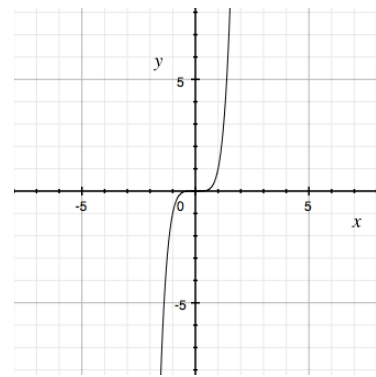
Textbook Section:



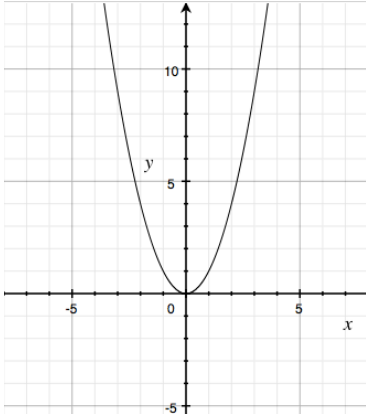
$$y = x^3$$



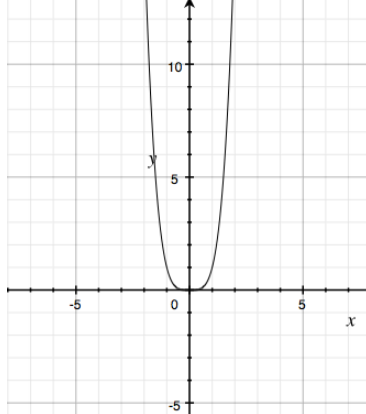
$$y = 5x^3 + 10x^2 - 5$$



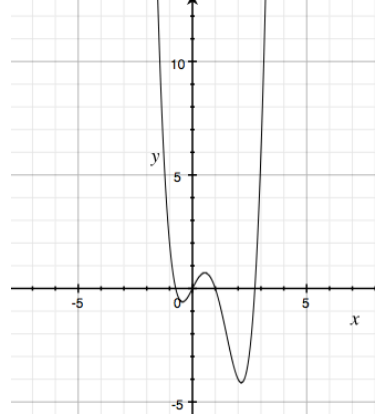
$$y = x^5$$



$$y = x^2$$



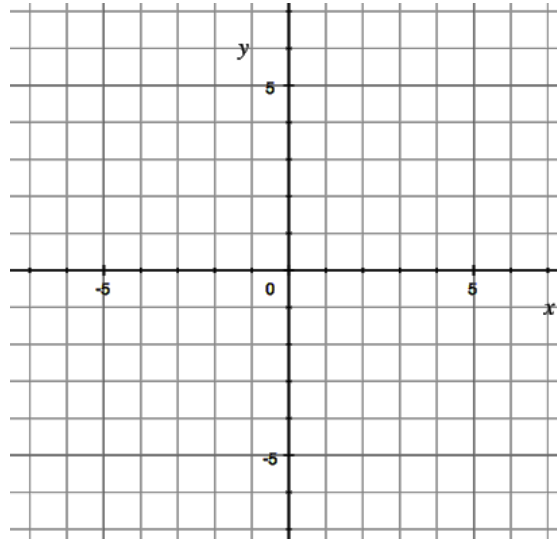
$$y = x^4$$



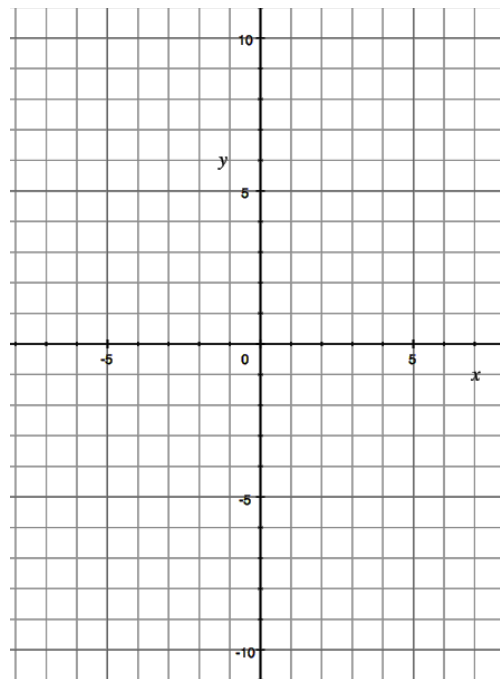
$$y = x^4 - 3x^3 + 2x$$

Sketch the graph of each function. Be sure to label intercepts.

1. $P(x) = \frac{1}{4}(x-1)^3(x+3)$



2. $P(x) = x^3 + 3x^2 - 4x - 12$



3. $f(x) = -\frac{1}{9}(2x-1)^2(x+3)^3$

