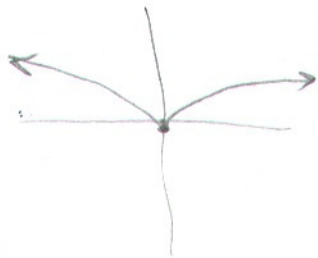


$$y = x^{2/5}$$

$$y' = \frac{2}{5x^{3/5}}$$

$$y'' = \frac{-6}{25x^{8/5}}$$



$$y = 1 - x^{2/3}$$

$$y' = -\frac{2}{3}x^{-1/3}$$

$$y'' = \frac{2}{9}x^{-4/3}$$



$$y = 2x + 3x^{2/3}$$

$$y' = 2 + 2x^{-1/3}$$

$$y'' = -\frac{2}{3}x^{-4/3}$$



$$2 + \frac{2}{x^{1/3}}$$

$$\frac{2x^{1/3} + 2}{x^{1/3}}$$

$$2x^{1/3} + 2 = 0$$

$$2(x^{1/3} + 1) = 0$$

$$x^{1/3} = -1$$

$$x = -1$$

$$\text{IP } (-1, 1)$$