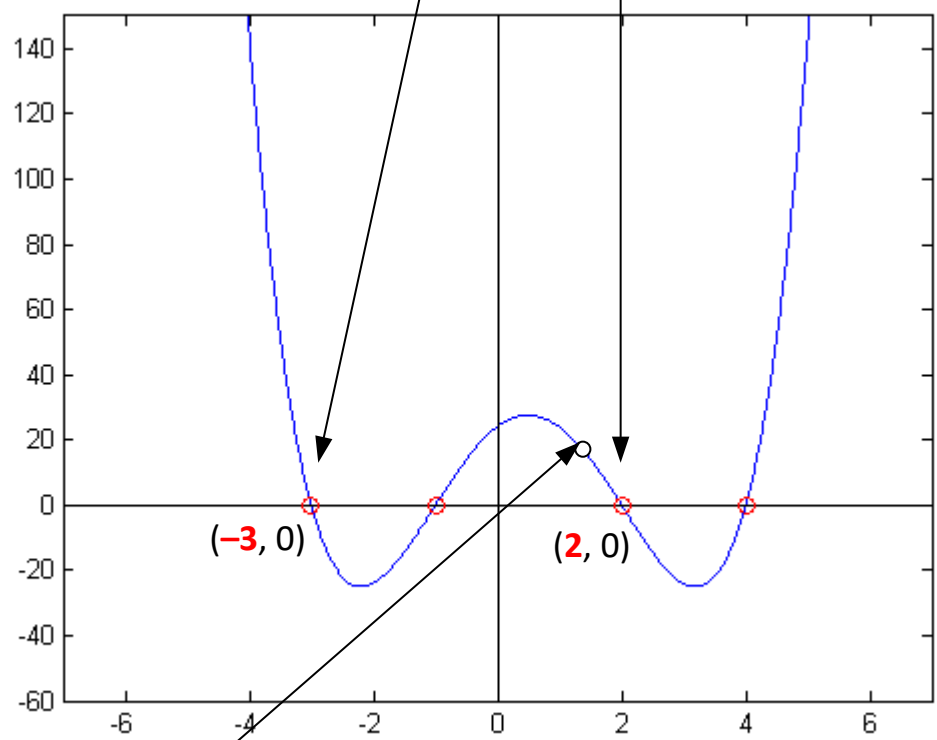
$$p(x) = 1\,x^4 - 2\,x^3 - 13\,x^2 + 14x + 24$$

$$p(x) = 1\,x^4 - 2\,x^3 - 13\,x^2 + 14x + 24$$

$$p = [1\ -2\ -13\ \ 14\ \ 24]$$

roots(p) => [**–3** **–1** **2** **4**]



polyval(p, **1.5**) = **14**

(1.5, 14)

$$p(x) = 1\,x^4 - 2\,x^3 - 13\,x^2 + 14x + 24$$

$$p(x) = 1\,\mathbf{1.5}^4 - 2\,\mathbf{1.5}^3 - 13\,\mathbf{1.5}^2 + 14\,\mathbf{1.5} + 24 = \mathbf{14}$$