

$$p(x) = 3x^2 - 2x + 5$$

$$\begin{aligned} \textcircled{23} \quad p(a) &= 3a^2 - 2a + 5 \\ 4p(a) &= 4(3a^2 - 2a + 5) \\ &= 12a^2 - 8a + 20 \end{aligned}$$

$$\begin{aligned} r(x) &= x^3 + x + 1 \\ \textcircled{25} \quad r(3a) &= (3a)^3 + 3a + 1 \\ &= 27a^3 + 3a + 1 \end{aligned}$$

$$\begin{aligned} \textcircled{34} \quad P(s) &= \frac{s^3}{1000} \\ P(18) &= \frac{18^3}{1000} = \frac{5832}{1000} = 5.832 \text{ units of power} \end{aligned}$$

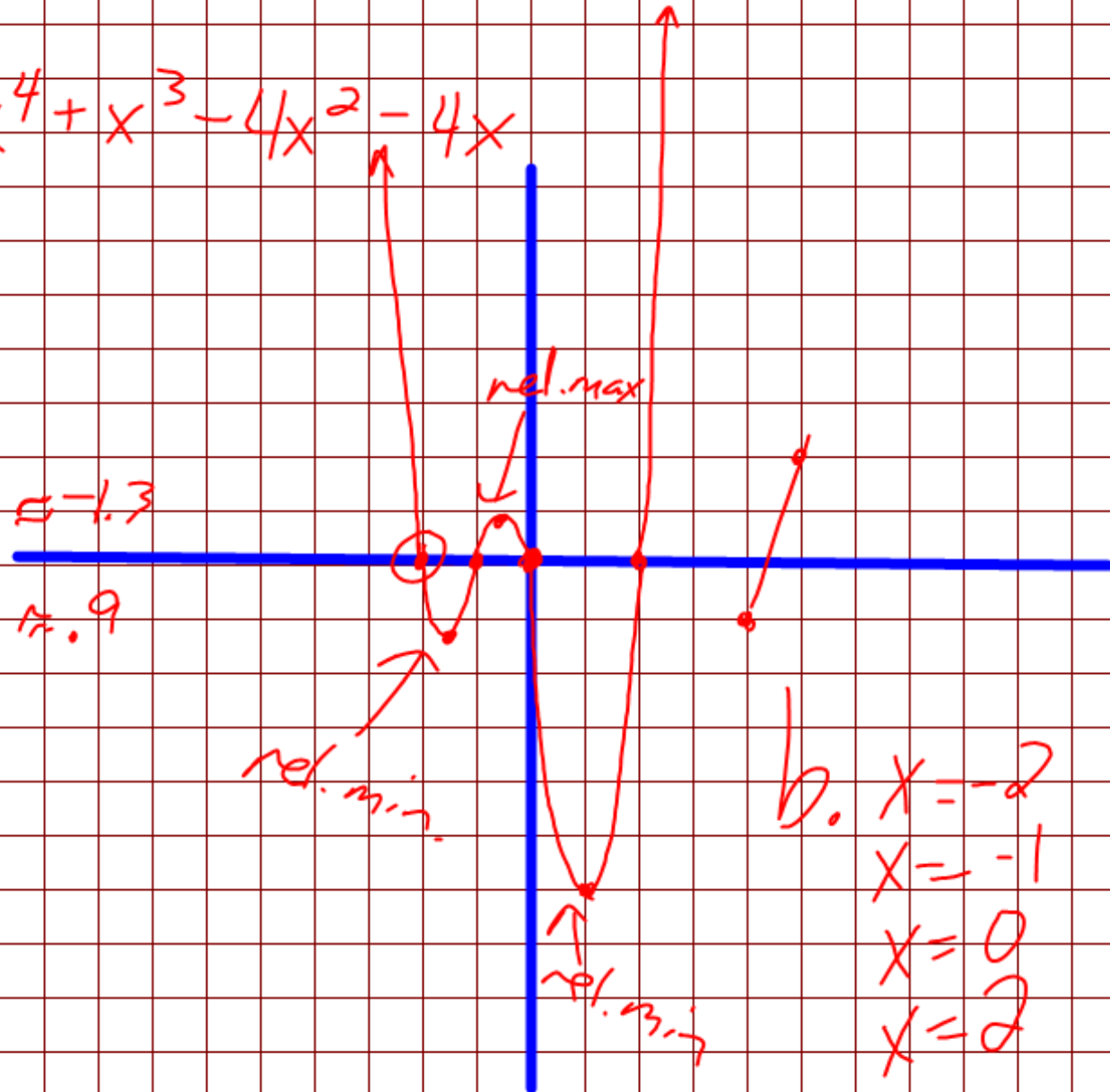
$$\begin{aligned} &x^{\textcircled{1}} + 5 \\ 4 &= 4x^{\textcircled{1}} \end{aligned}$$

$$f(x) = x^4 + x^3 - 4x^2 - 4x$$

x	f(x)
-4	-144
-3	30
-2	0
-1	0
0	0
1	-6
2	0
3	60
4	240

$$-1.5 \mid \approx -1.3$$

$$.5 \mid \approx .9$$



$x = -2$
 $x = -1$
 $x = 0$
 $x = 2$