(34) $P(s) = \dfrac{s^3}{1000}$

$P(18) = \dfrac{18^3}{1000} = 5.832$ units of power

$= \dfrac{5832}{1000}$

(35) $KE(v) = \dfrac{1}{2}(171)v^2$

$KE(11) = \dfrac{1}{2}(171)(11)^2 = 10,345.5$ joules

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

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

$4p(a) = 4(3a^2 - 2a + 5)$

$\qquad = 12a^2 - 8a + 20$

$x^{①} = 5$

$4 = 4x^{⓪} = 4(1)$

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

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

-1.5 | x -1.3

-.5 | $\approx$ .9