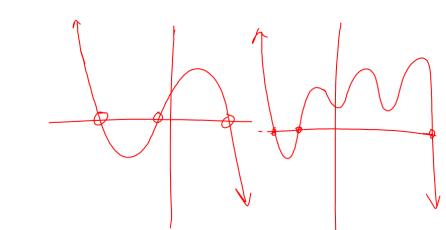
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$$P(5) = \frac{5^{3}}{1000}$$

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

$$= \frac{5832}{1000}$$

$$|\langle E(1) \rangle = \frac{1}{2} (|11|) \sqrt{2}$$

$$|\langle E(1) \rangle = \frac{1}{2} (|11|) (|11|)^2 = 10,345.5 \text{ joules}$$

$$\begin{array}{ll}
(23) & p(x) = 3x^{2} - 2x + 5 \\
p(a) = 3a^{2} - 2a + 5 \\
4p(a) = 4(3x^{2} - 2a + 5) \\
= 12a^{2} - 8a + 20
\end{array}$$

