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TAREA.

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energía $\left[\text{Kg} \frac{\text{m}^2}{\text{s}^2} \right]$
 densidad $\left[\text{Kg/m}^3 \right]$
 tiempo $[\text{s}]$
 radio $[\text{m}]$

$$E = \left[M \frac{L^2}{T^2} \right]$$

$$\rho = \left[M/L^3 \right]$$

$$T = [T]$$

$$R = [L]$$

$$E \propto \rho^a T^b R^c$$

$$M \frac{L^2}{T^2} = \left[M/L^3 \right]^a, [T]^b, [L]^c$$

$$M \frac{L^2}{T^2} = M^a \cdot L^{-3a} \cdot T^b \cdot L^c$$

$$M \frac{L^2}{T^2} = M^a \cdot L^{-3a+c} \cdot T^b$$

$$M^1 = M^a$$

$$a = 1$$

$$L^2 = L^{-3a+c}$$

$$c = 5$$

$$T^{-2} = T^b$$

$$b = -2$$

$$E(\rho, T, R) \rightarrow \boxed{E(\rho^1, T^{-2}, R^5)}$$