

What is the highest you could jump if you could run at 22.0 km/hr? (all your energy converted to the jump)

What Δt would a 55 g iron bullet traveling at 395 m/s experience if it hit a wall and $\frac{1}{4}$ of the energy increased the temperature of the bullet?

$$C_i = 450 \text{ J/K}^\circ\text{C}$$

What is the period of Mars if it is 1.52 times further from the Sun than the Earth is?

Little Jimmy unfortunately gets stepped on by auntie. What pressure does little Jimmy experience if auntie is 875 N and her high heel is 1.0 cm in diameter? How many atmospheres would that be? ... How deep would water have to be to apply the same pressure?