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Quit FFRE

1. Speed before touching.

Set Ep: Ek

mgh = \frac{1}{2}mv^2

V^2 = 29h

V = V 29h

2. Find f saat robot dan shock absorber bergabung.

SF=ma

-kx = ma

a=-kx

Aw' cor (w+ \$\ell_0\$) \$\pm = k (Acr(w+ \ell_0)) \omega^2 (Acror (w+ \ell_0)) = \frac{k}{m} (Acror (w+ \ell_0)) \omega^2 = \frac{k}{m} (2n)^2 = \frac{k}{m} (2n)^2 \quad
\text{F}^2 = \frac{1}{2n} \frac{k}{m}

3. Mus Compression

$$DEP = \frac{1}{2}kx^{2}$$

$$mg. Dh = \frac{1}{2}kx^{2}$$

$$mg. h = \frac{1}{2}kx^{2}$$

$$mg. h$$