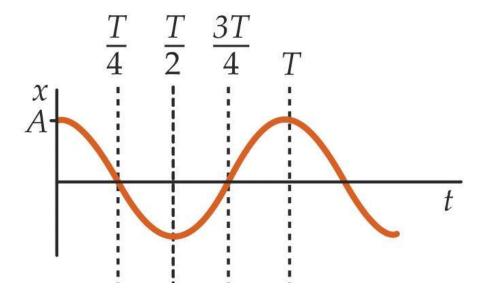
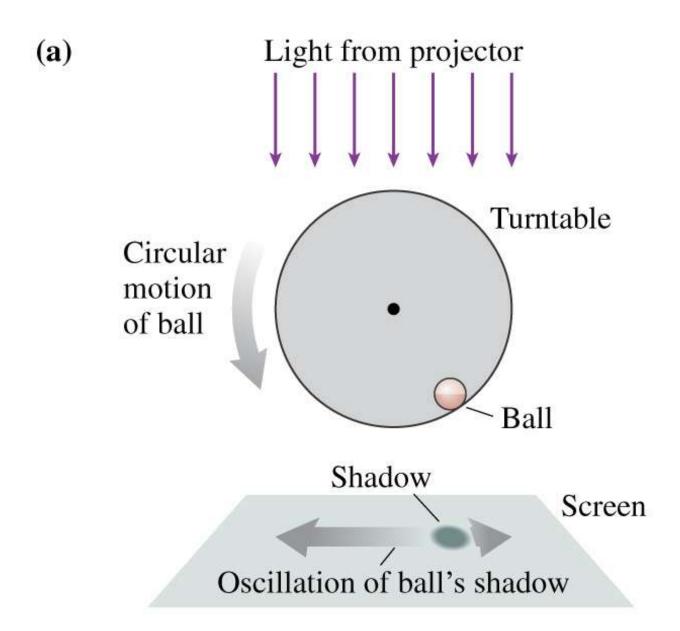
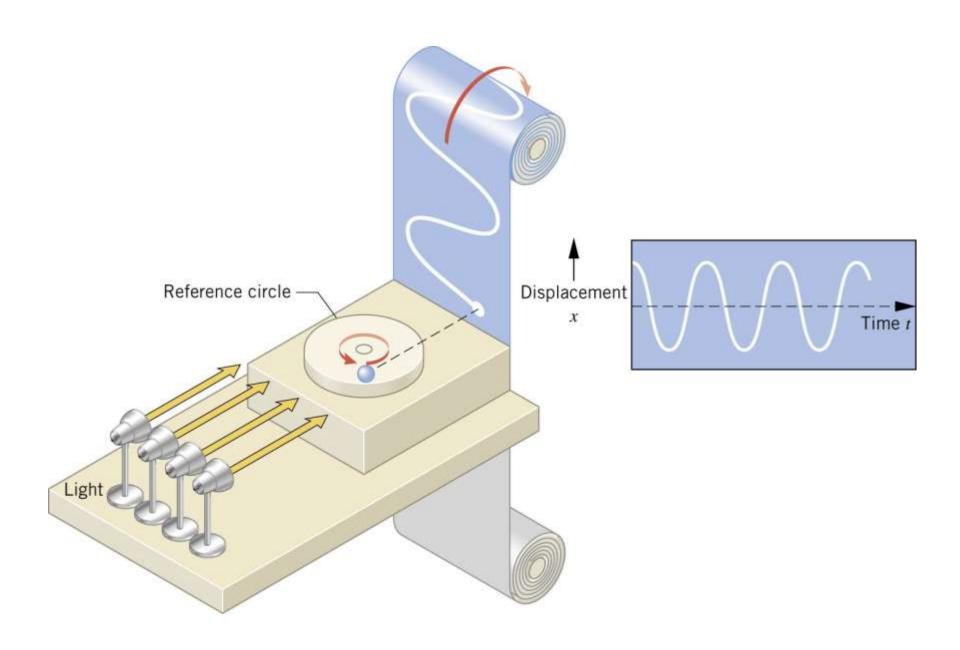
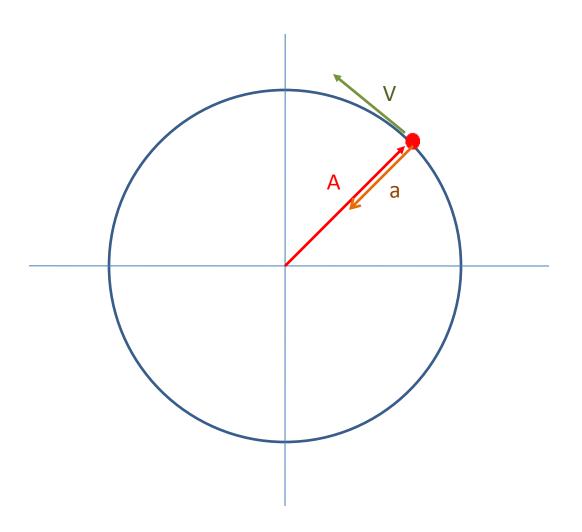


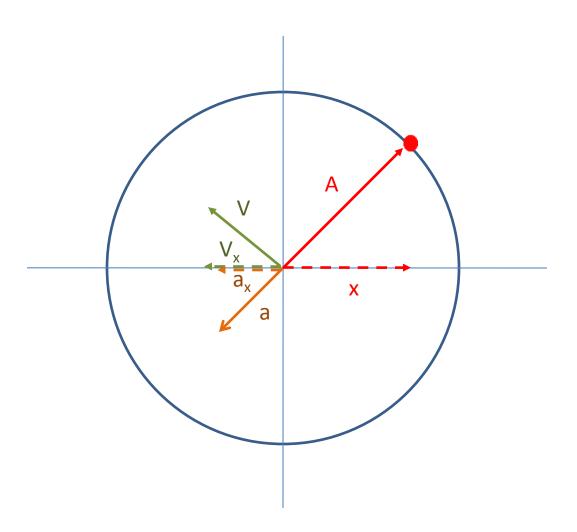
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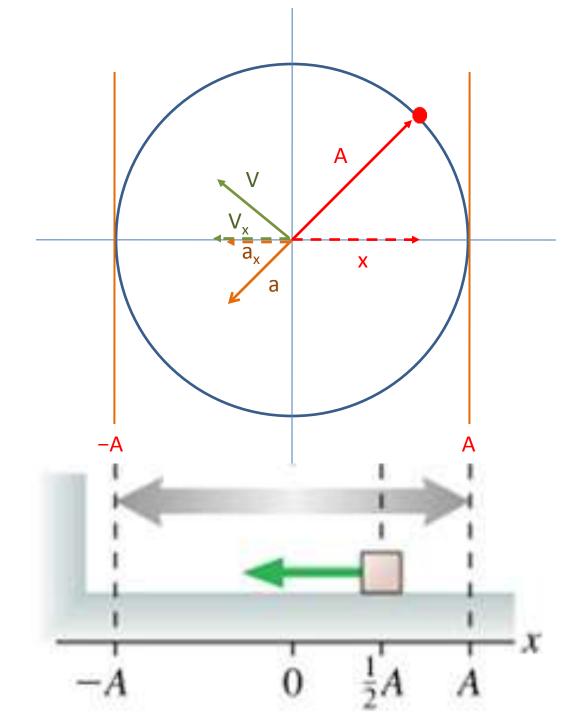


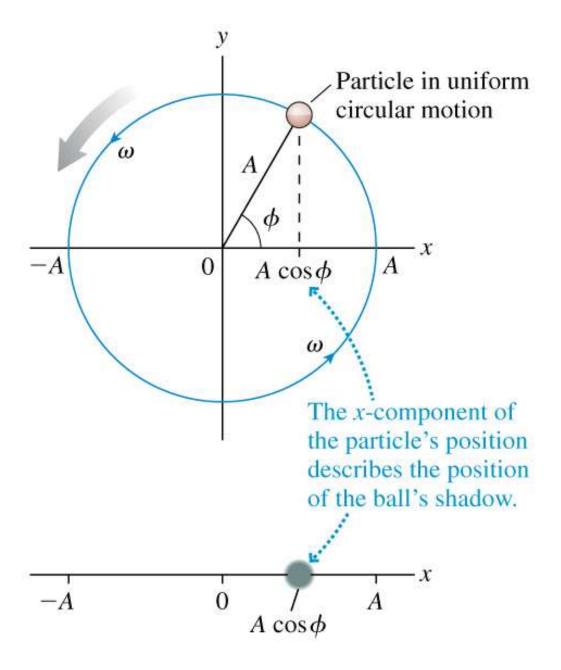




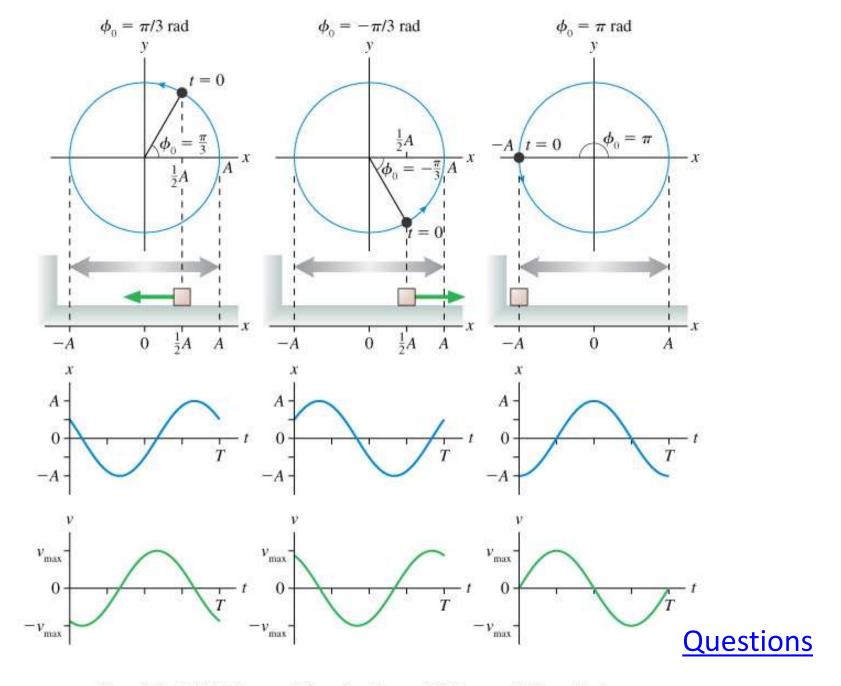




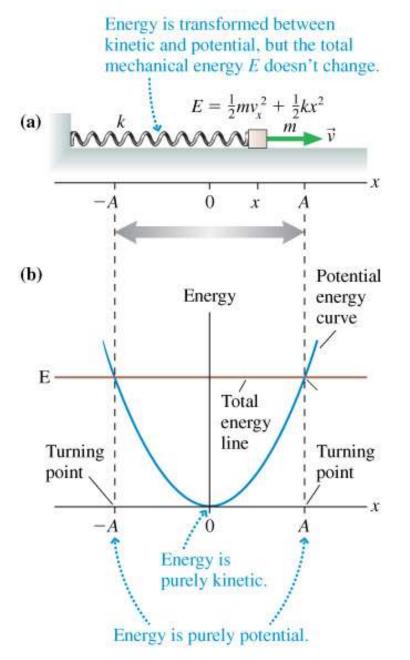




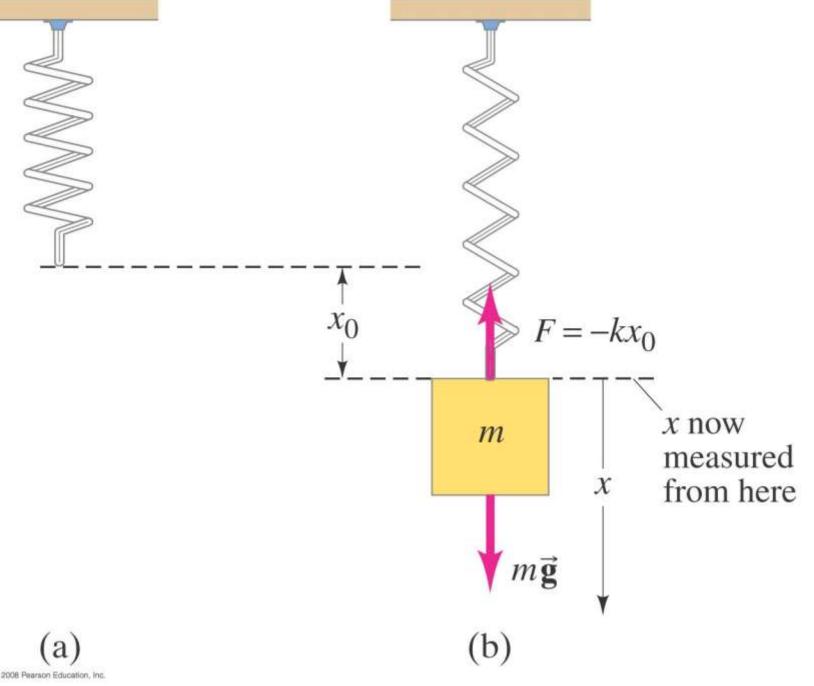
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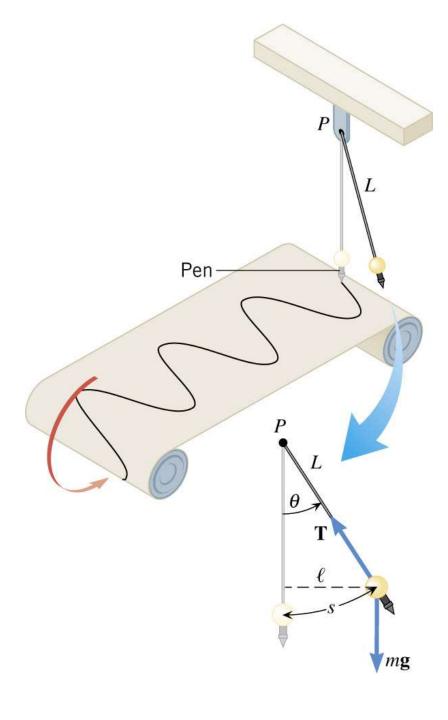


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Questions





Simple Pendulum

$$\omega = \sqrt{\frac{g}{L}}$$

ω and T are indpt of S

Questions

Physical Pendulum

$$\omega = \sqrt{\frac{mgh}{I}},$$

I is rotational inertia

- I is I wrt point O
- $I = I_{CM} + Mh^2$
- Model Limbs

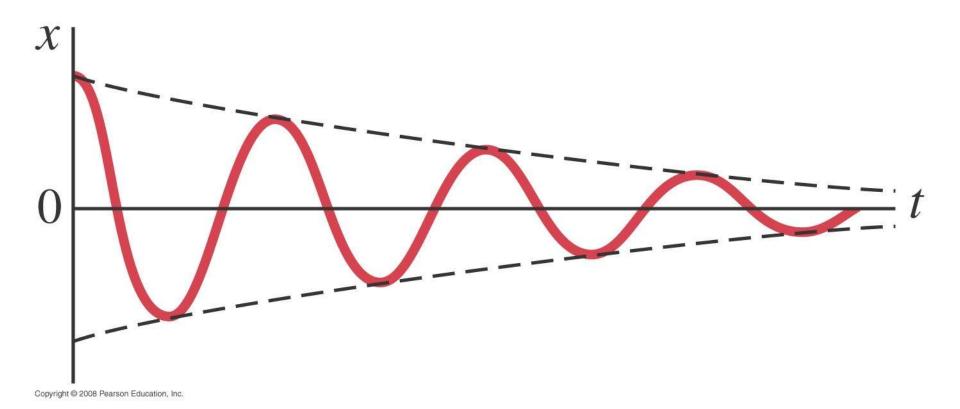
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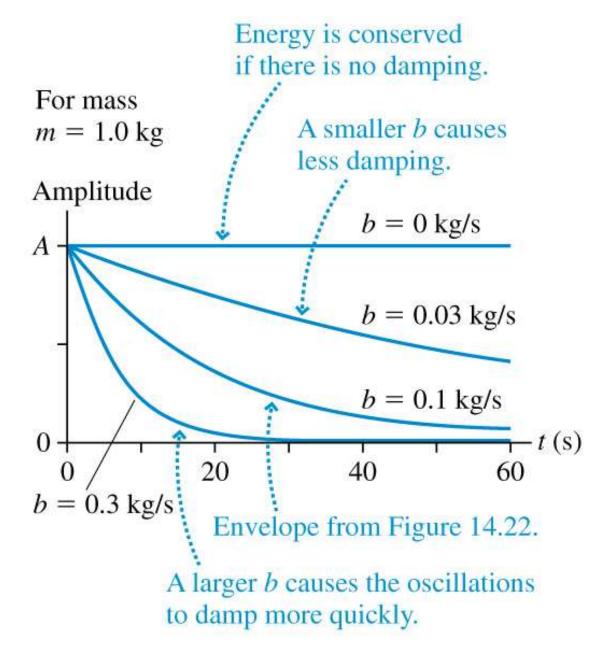
Wire 0 Equilibrium

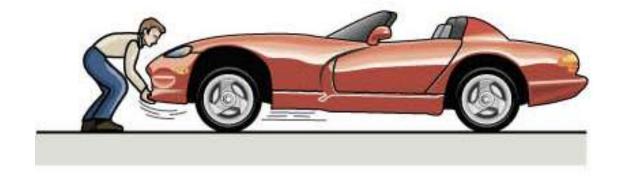
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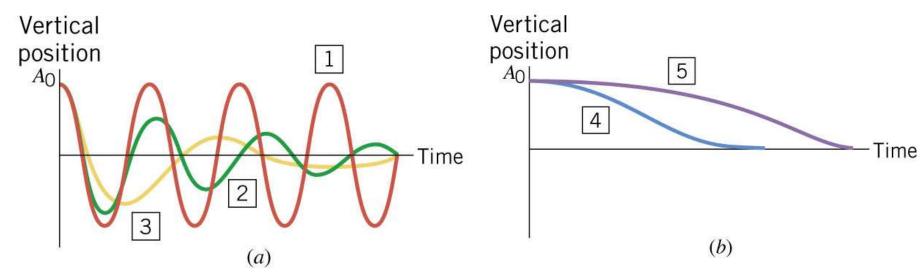
Torsional Pendulum

$$\omega = \sqrt{\frac{K}{I}}$$
, K wire stiffness

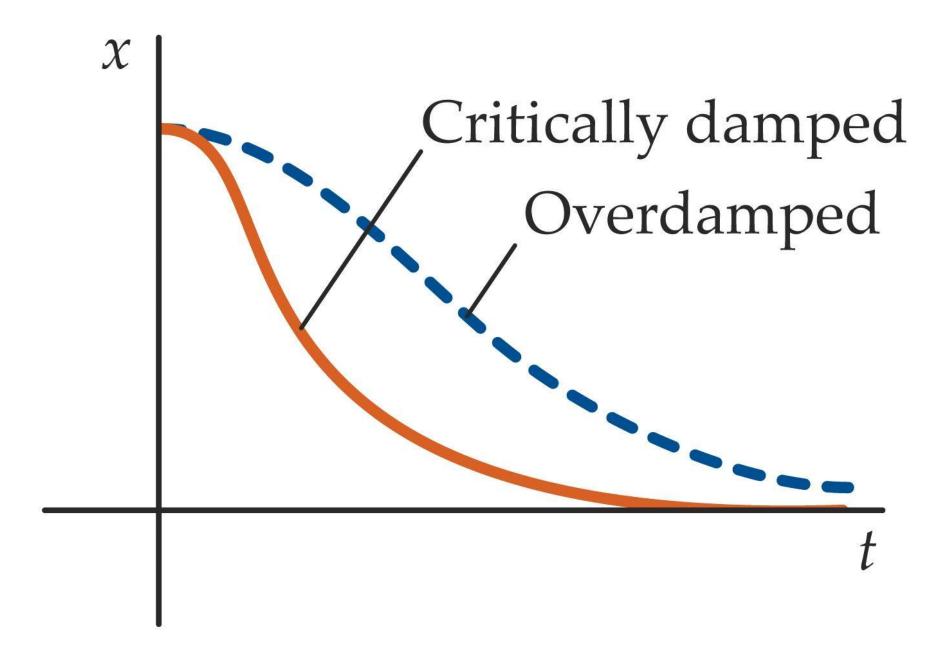


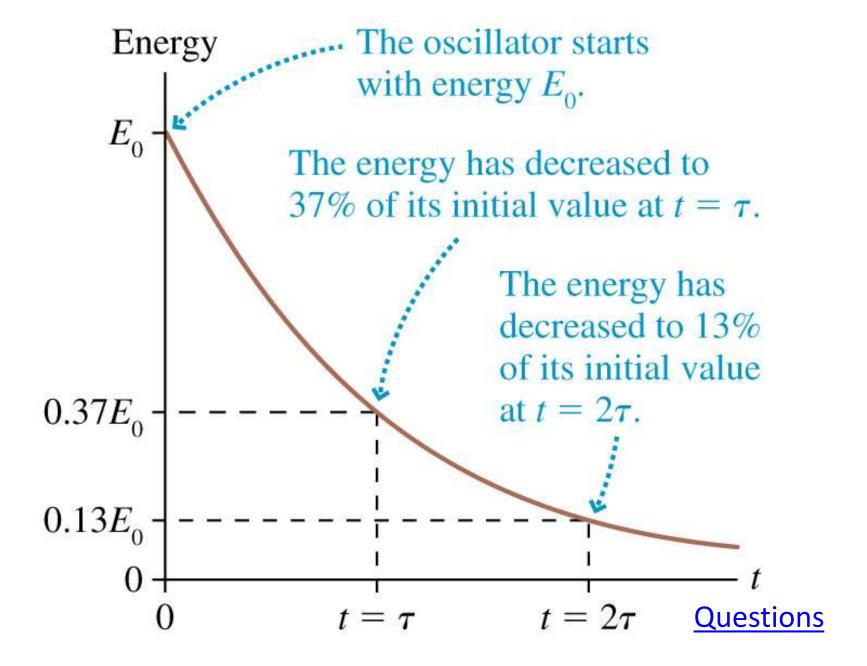




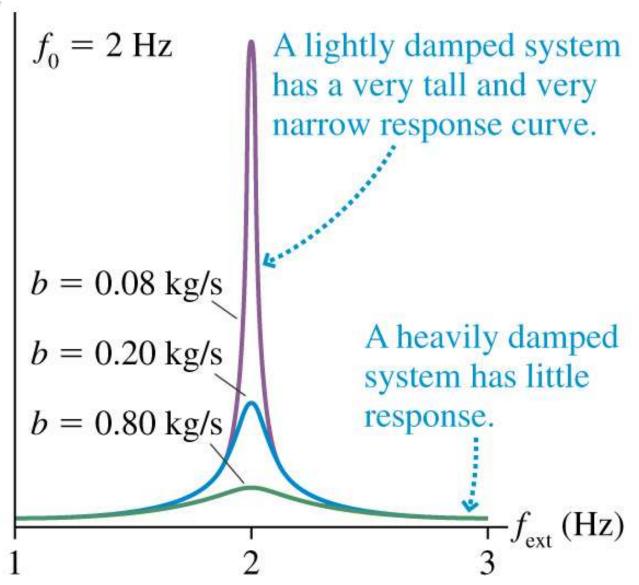


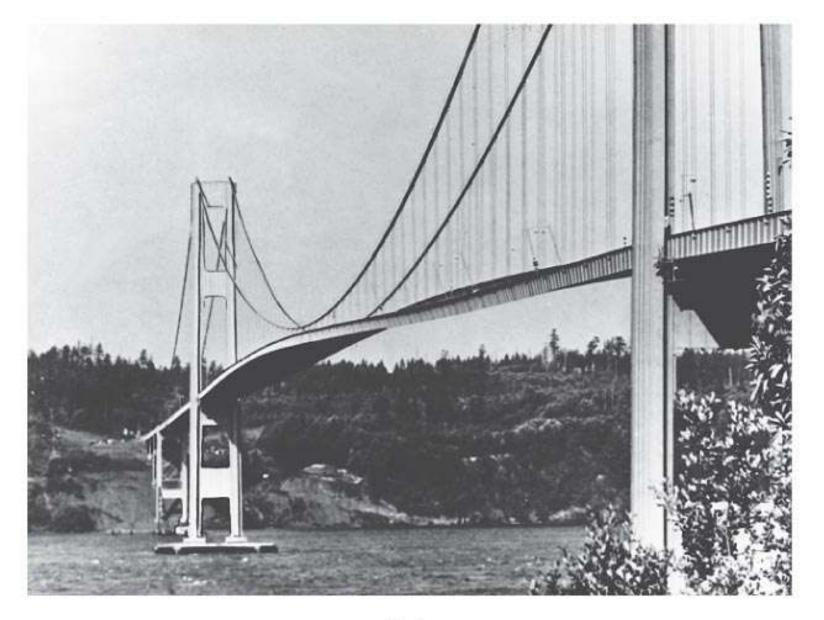
Questions





Amplitude





(a)

YouTube Video