

Stages: 1

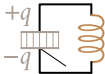
2

3

4

5

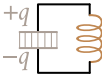
(a)



$$W = \frac{1}{2} \frac{1}{C} q^2$$



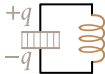
$$W = \frac{1}{2} L \dot{q}^2$$



$$W = \frac{1}{2} \frac{1}{C} q^2$$

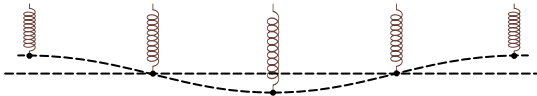


$$W = \frac{1}{2} L \dot{q}^2$$



$$W = \frac{1}{2} \frac{1}{C} q^2$$

(b)



$$W = \frac{1}{2} k x^2$$

$$W = \frac{1}{2} m \dot{q}^2$$

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$$W = \frac{1}{2} k x^2$$