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In words, define **Work Done**

1 of 7

Calculating work done

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What are the units of energy?

2 of 7

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What are the 2 factors that affect work done?

3 of 7

Calculating work done

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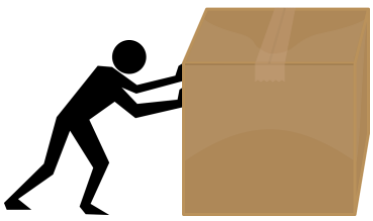

This person is pushing this box, but it is not moving. Explain how much work is being done.

4 of 7

Instructions:

(1) Answer the questions.
(2) Watch science-spark clip and correct your answers.
(3) Print out, fold over on dotted line and make into flashcards.
(4) Use for retrieval quizzes.

Calculating work done

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State the equation used to calculate work done. Define each quantity and their unit.

5 of 7

Calculating work done

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A cyclist pedals a bicycle with a force of 1,000 N moving it 250 m.

How much work has been done by the cyclist?

6 of 7

Calculating work done

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A car engine moves a car with a force of 10 kN and does 500 kJ of work. How far has the car travelled?

7 of 7

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