




# Energy Conservation Exit Quiz – Student Edition

Answer the questions which follow based on your learning from today's lesson.

## I. Energy Transformations

The pictures below show energy transformations occurring. Describe the energy changes in each situation.

<p>1. A Bungee Jumper</p> 	<p>2. A candle burning</p> 	<p>3. A crane lifting an object from the ground.</p> 

## II. Energy Efficiency

A hair dryer requires an energy input of 200 kilojoules of energy per second. If 70 kilojoules of this energy is wasted calculate the following:

1. The amount of energy output from the hairdryer.

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2. The type and amount of useful energy.

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3. The waste form(s) of energy.

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4. The energy efficiency of the hairdryer.

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