

# Energy Transformations

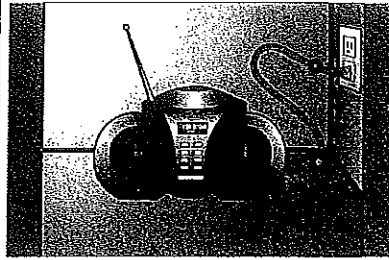
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## Energy Transformations

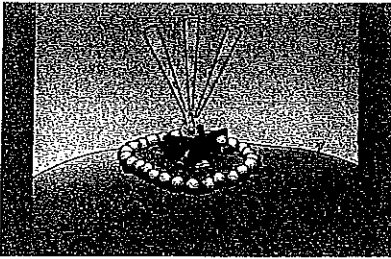


1. In a portable stereo, A energy is changed to B energy.

A.

B.

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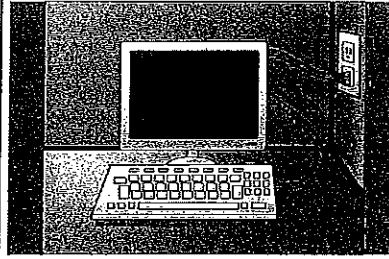


2. When you burn wood in a campfire, A energy is converted to B and light energy.

A.

B.

## Energy Transformations

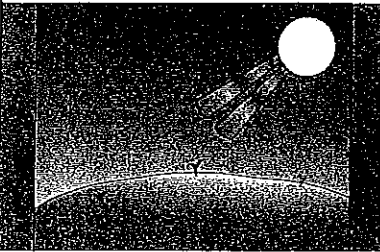


3. In a computer monitor, A energy is changed to B energy and sound energy.

A.

B.

## Energy Transformations

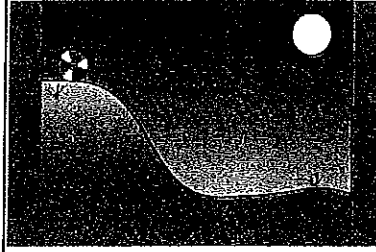


4. Through the process of photosynthesis, A energy from the sun is changed to stored B energy.

A.

B.

## Energy Transformations

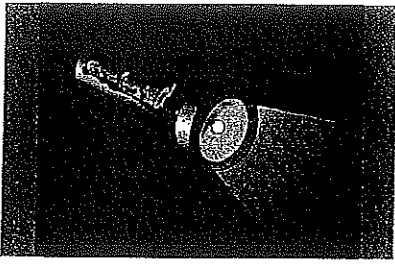


5. If you place a ball at the edge of a hill, and it rolls downhill, A energy is changed to B energy.

A.

B.

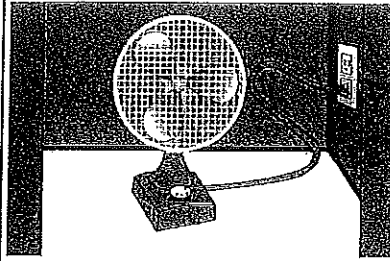
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6. In a flashlight, the A energy in batteries is changed to electric energy and then to B energy.

A.  B.

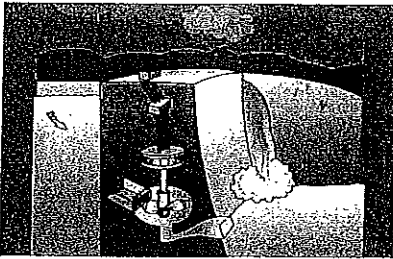
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7. In a fan, A energy is changed to B energy.

A.  B.

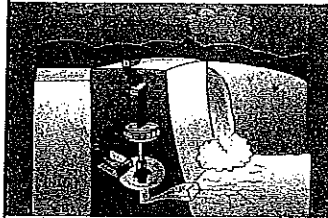
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8. When water held behind a dam is released, A energy is converted first to B energy.

A.  B.

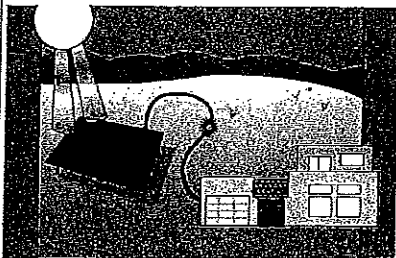
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9. At a hydropower facility, the A energy of flowing water can be used to spin a turbine and power a generator, creating B energy.

A.  B.

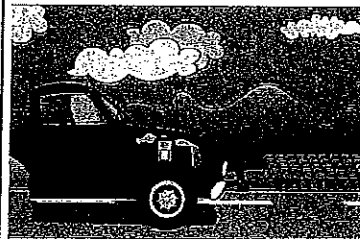
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10. In a photovoltaic panel, the A energy of the sun is converted directly into B energy.

A.  B.

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11. In a car, the A energy in gasoline is burned to create heat energy, which is converted to B energy.

A.  B.