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الملف exam physics and Science

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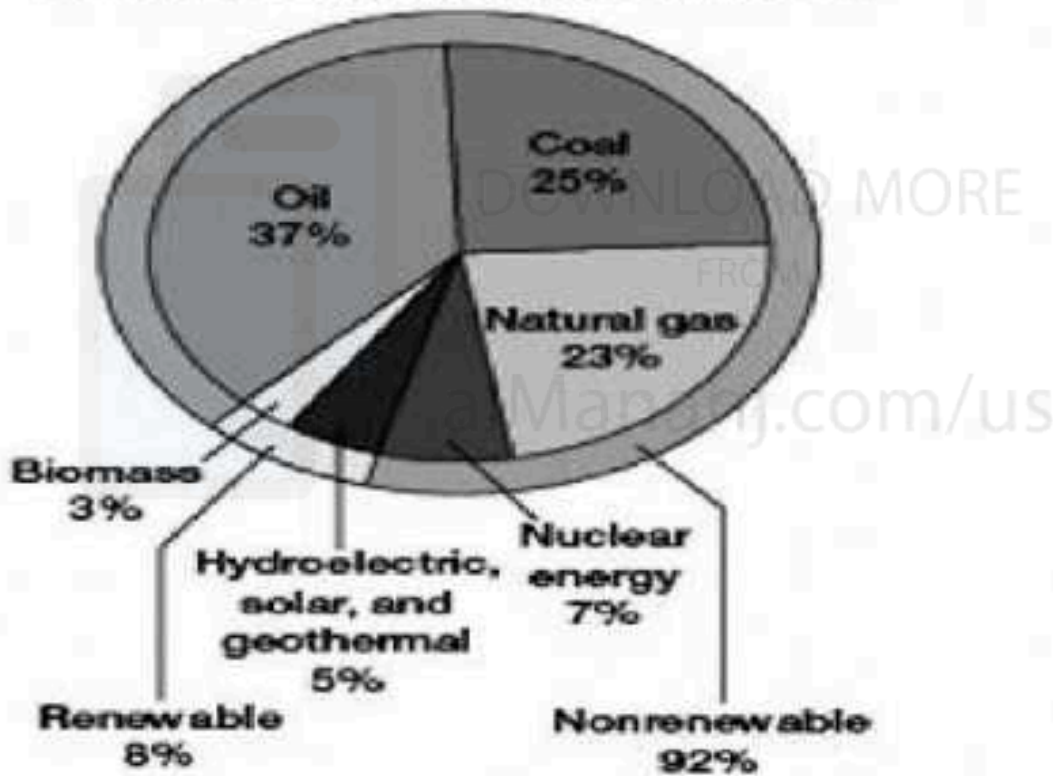
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DATE	<input type="text"/>	SCORE	<input type="text"/> / <input type="text"/>	GRADE	<input type="text"/>

Part I.- Look at the pie chart. Answer the question. (10 points)

Energy Use in Developed Countries



1.-How much of the energy used in developed countries comes from oil?

2.- How much of the energy comes from renewable resources?

3.- What percentage of energy comes from nonrenewable resources?

4.- What percent of energy is provided by fossil fuels?



Solid

A



Liquid

B



Gas

C



D

5.-Which picture shows a gas?

6.- In what state is the matter in picture A?

7.- In which picture are the particles closer together, picture A or picture B?

Meiting Points and Boiling Points

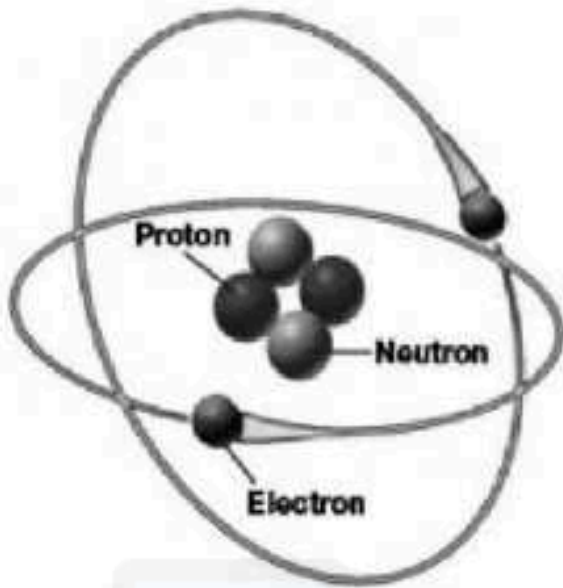
Substance	Melting point	Boiling point
water	0°C	100°C
salt	801°C	1,413°C
oxygen	-218°C	-189°C

8.- Is the boiling point of salt higher or lower than the boiling point of water?

9.- Which substance has the lowest melting point?

10.- Which substance has the highest boiling point?

11.- Which substance has the lowest boiling point?



11.- What structure does this diagram show?

12.- What particles are in the center of the atom?

13.- How many protons does this atom have?

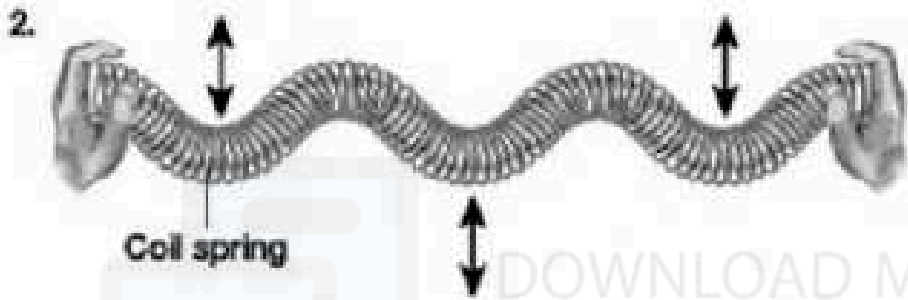
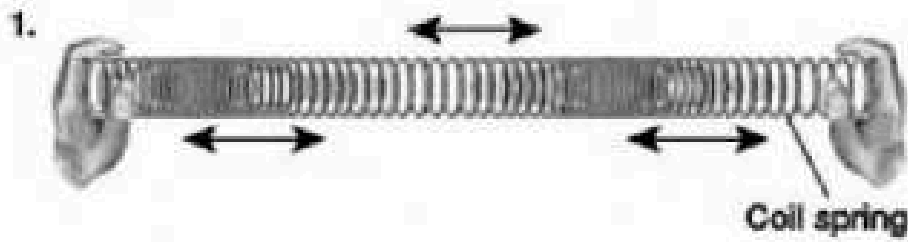
14.- How many neutrons does this atom have?



15.- Which person is using less force?

16.- Which person is moving the box a shorter distance?

17.- Person B lifts the box higher than person A. Does person B do more or less work than person A?

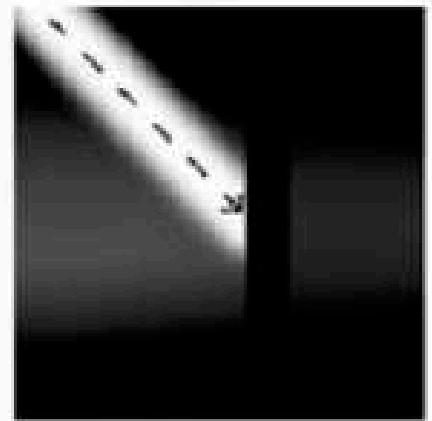
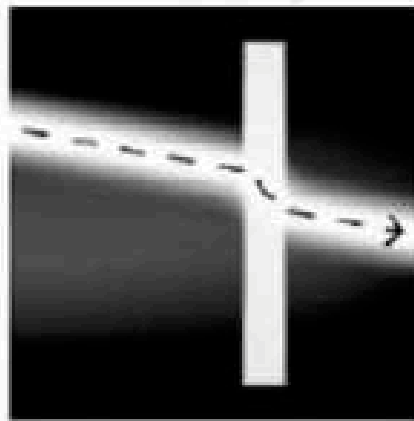
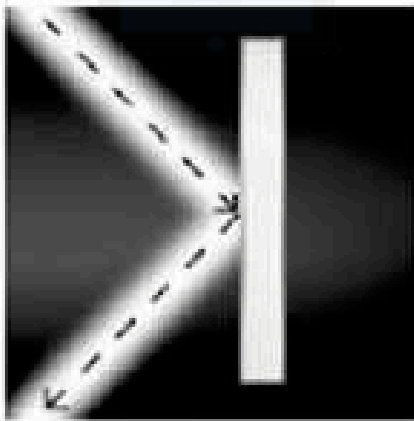


18.- Which of the waves modeled has a crest and a trough, 1 or 2?

(a)

(b)

(c)



19.-What does the object do to light in image (a) above?

20.- What kind of object is in (b) above?

21.- What kind of object is in (c) above?