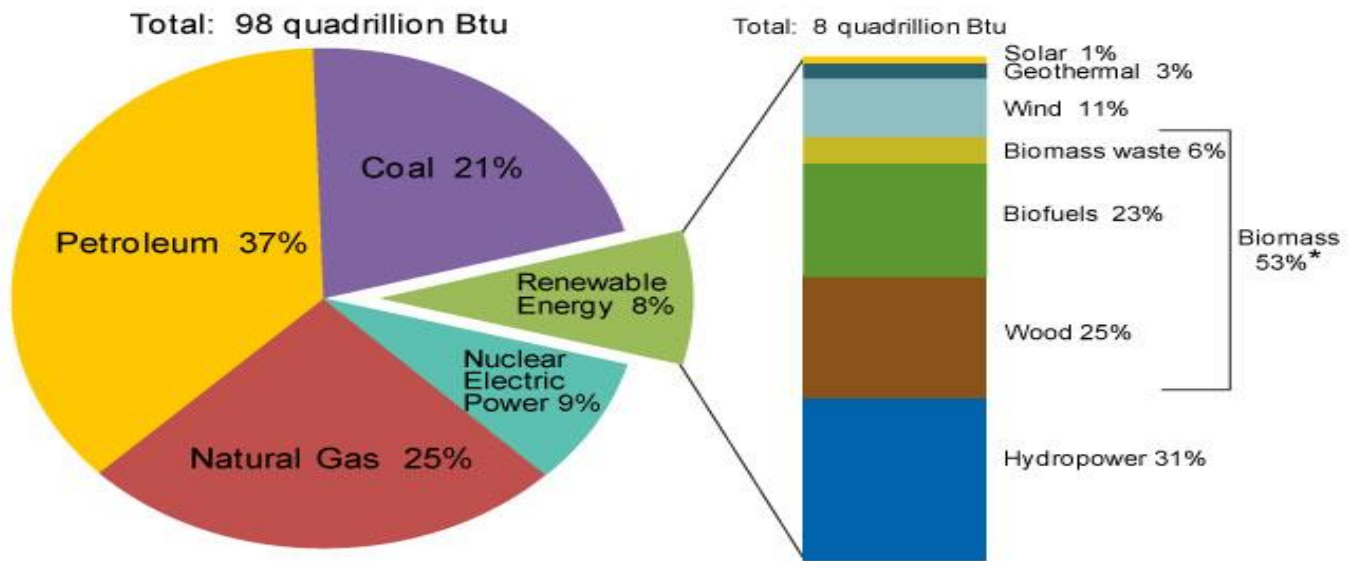


NAME _____

per _____ date _____

mail box _____

U.S. Energy Consumption by Energy Source, 2010



* Note: Sum of biomass components does not equal 53% due to independent rounding.

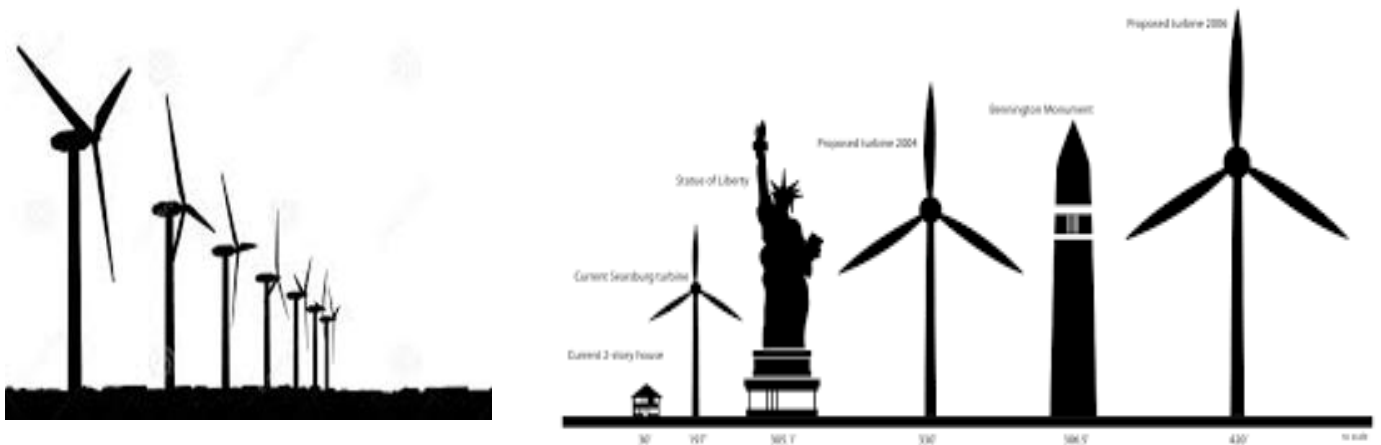
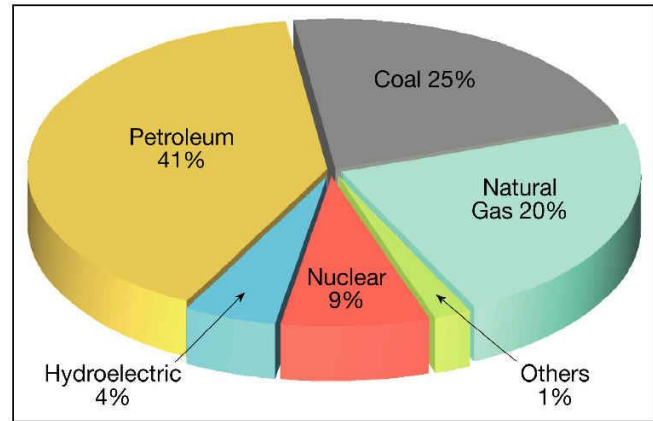
Source: U.S. Energy Information Administration, Monthly Energy Review, Table 10.1 (June 2011), preliminary 2010 data.

Based on the pie chart on above - T r u e or F a l s e If **false** make it true.

1. ___ **Renewable** energy source consumption makes up **more** than any single fossil fuel consumption source alone.
2. ___ In 2010 Wind energy consumption made up 11% of **nonrenewable** energy sources.
3. ___ Wood energy consumption makes up 25% of **renewable** energy sources, which comprises only 8% of the U.S. total energy consumption.
4. ___ When petroleum reserves run out their next largest competitor will be coal according to 2010 statistics unless we expand **renewable** energy consumption.
5. ___ In 2010 **renewable** energy was only 1% less than Atomic Power energy sources.
6. ___ Hydropower comprised 31% of the **total** U.S Energy Consumption in 2010.
7. ___ In 2010 solar was the smallest recorded energy of any reported.
8. ___ Certain **renewable** energy sources also produce green house gases, indirectly or otherwise, which, drives global warming too.

9. The pie chart below compares the amounts of energy from different sources used in the United States each year. Which two energy sources together provide more than 50% of the energy needs in the United States?

- (1) nuclear and natural gas
- (2) petroleum and coal
- (3) hydroelectric and petroleum
- (4) natural gas and coal
- (5) Others and coal



Above is an image of a wind turbine farm (left-side), which is used to generate electricity and an image of the relative size of some wind turbines (right-side).

10. Describe one advantage (other than costs) of using wind turbines rather than burning fossil fuels to produce electricity.

11. Describe one disadvantage (other than costs) of using wind turbines rather than burning fossil fuels to produce electricity.
