

Larry Burns

On the future of cars (9:00)

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Note-taking activity

Directions: Listen and take notes. Using your notes answer the following questions.

1. What percentage of the world's population owns cars?
2. What is the estimate/projection of the number of cars to be in 10 – 20 years?
3. Which of the following is not mentioned as a change in automobiles in the last 100 years?
 - a) cleaner
 - b) faster
 - c) more efficient
 - d) safer
4. Which 2 of the following are associated with hybrid fuel cell engines?
 - a) one-tenth of the moving parts of a traditional engine.
 - b) less expensive than a traditional engine.
 - c) uses oxygen as a fuel source.
 - d) emits only water.
5. What are 2 sources of hydrogen?
6. How many hydrogen fuelling stations would there need to be across the USA if there was 1 every 25 miles?
 - a) 10,000
 - b) 12,000
 - c) 20,000
 - d) 100,000
7. The lecturer states that there is great potential in generating energy from vehicles. What per cent of the vehicles in the USA would be required to produce the same amount of energy as is present in the electric grid?
8. T/F The car of the future could be used as an energy supply when sitting idle.