

STUDENT WORKSHEET 1

History

1. What was the first country to dominate the auto industry (1895-1908)?

Canada United States France Italy

2. The Model T was introduced in what year?

1898 1908 1920 1930

3. Near the end of World War I (1918), about what percentage of cars were electric?

One percent 10% 20% 33%

4. In 1973, an Arab oil embargo restricted the supply of oil to the U.S. According to DOE records, gasoline prices rose quickly from 40 cents per gallon to...

\$0.75/gallon \$1.00/gallon \$1.50/gallon \$2.00/gallon

5. The 1977 Clean Air Act required reductions of over 75% of which of the following pollutants from autos:

hydrocarbons CO (carbon monoxide) NOx (nitrogen oxides) all of these

6. The Interstate Highway Act started construction of the toll-free expressway system in what year?

1945 1956 1965 1977

Today

7. There is one vehicle for every _____ person(s) in the U.S.

One 1.7 3.2 10

8. In China there is one car for every _____ people.

10 50 200 670

9. What percentage of trips by U.S. and Canadian residents are made by private cars?

25% 50% 70% over 80%

10. Since 1988, average fuel economy for new cars in the U.S. has:

increased stayed the same decreased

11. What percentage of new passenger vehicles sold in the U.S. are light trucks, vans, or SUVs (sport utility vehicles)?

10% 20% 40% more than 50%

12. Automobiles account for what percentage of the oil consumed in the U.S.?

10% 25% 40% 60%

13. Compared to the U.S., a gallon of gasoline in Japan or Europe is...

about the same price more expensive less expensive

14. Older, poorly maintained cars make up 10% of the cars in the U.S., but they account for what percent of all emissions?

10% 30% 50% 90%

15. In the U.S., an area slightly larger than the state of _____ is paved over.

Rhode Island California Georgia Alaska

16. What percentage of workers in the U.S. commute to work by public transportation?

5% 25% 40% 60%

17. The average U.S. resident drives or rides (in a car) _____ miles each year.

6,000 12,500 18,000 25,000

Future

18. Vehicles containing two different engines (usually one electric and one gasoline) are called:

hybrid solar bipowered CNG

19. The current number of vehicles in the world is about ...

300 million 500 million 800 million over one billion

20. Which of the following headlines is real?

Chinese Gear Up for Huge Rise in Cars by 2010
Asian Growth Fuels Car Sales Boom
India's Car Production Set to Double by Year 2000
all of the above