

**Student's name:**

Leer el siguiente texto y realizar las actividades que se encuentran a continuación.

## **Do driverless cars offer safer, lower-cost and more efficient transportation?**

Free Student

BY **ALICE TRUONG**

**AUTO | CONCEPT CARS**



Human error accounts for 95 percent of car accidents.

In true Google fashion, the company is already working on a solution: driverless cars.

The idea might sound extreme, but today's artificial-intelligence software coupled with high-tech sensors and cameras create a more efficient car that requires you to do none of the work.

Google certainly isn't the only one working on these autonomous vehicles. Car manufacturers, such as General Motors, have eyed this sphere for at least a couple years — but we're still close to a decade away from seeing these cars on the lots of dealerships. Still the biggest challenges the industry has seen are legal: government regulation, liability laws and privacy control.

### **Red tape**

Until recently, the concept car was illegal in all 50 states. In June, Nevada passed a bill authorizing the Department of Transportation to develop regulations for driverless cars, opening the doors for this technology to one day go mainstream.

Developing rules helps navigate uncharted situations like the following. If a driverless car gets into an accident, who's at fault: the software or the "driver"? (The answer: We're still figuring it out.)

### **The technology behind it**

Autonomous cars create a safer and more efficient mode of transportation. Robots react faster than humans and can see 360 degrees. They also don't get sleepy, drunk or distracted by text messages. These autos use a variety of sensors to tell when an object is near the vehicle.

But sometimes accidents are unavoidable. Pre-safe systems, increasingly common in luxury cars, anticipate crashes by priming brakes and reducing engine power, for instance. If its pre-emptive efforts still indicate the car will crash, it prepares the airbags for deployment and tightens all the safety belts

### **Driving more efficiently**

These smart cars are capable of keeping a closer distance from other cars while also driving more safely, decongesting roads and reducing commute times. The cars have such a level of precision you'll never have to worry about parking either, no matter how tight the spot is.

"I think there's a vision here, a new technology," Thrun said, closing his speech. "I'm really looking forward to a time when generations after us look back at us and think how ridiculous it was humans were driving cars."

A) Choose the correct option.

1. ¿Cuál es la compañía que ha estado trabajando en el desarrollo de autos sin conductor?
  - ☐ Truong
  - ☐ Concept Cars
  - ☐ Google
2. ¿De que tipo son los problemas que enfrenta esta nueva tecnología?
  - ☐ Legales
  - ☐ De seguridad
  - ☐ Tecnológicos
3. ¿Por qué se dice que los autos autónomos son más seguros?
  - ☐ Porque los humanos reaccionan más rápido que los robots
  - ☐ Porque los robots reaccionan más rápido que los humanos
  - ☐ Porque los robots se distraen fácilmente
4. Una de las medidas preventivas en caso de un choque inevitable es...
  - ☐ Enviar un mensaje de texto a la compañía aseguradora
  - ☐ Desajustar los cinturones de seguridad y aumentar la velocidad
  - ☐ Preparar los airbags para su despliegue y ajustar los cinturones de seguridad
5. Un beneficio adicional de los vehículos autónomos es...
  - ☐ Su nivel de precisión al estacionar
  - ☐ La distancia adicional que mantienen con respecto a otros autos
  - ☐ La capacidad de sus motores

B) Extraer del texto

-dos formas comparativas y/o superlativa

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-dos verbos modales

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- una oración que contenga tiempo futuro

C) Interpretar con tus propias palabras la porción subrayada del texto

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