**How self-driving cars work**

Autonomous or driverless cars could be used to avoid accidents on the road. That’s why major car industries are working on such cars.

Watch this [video](https://www.dw.com/en/autonomous-cars-when-will-our-cars-finally-really-drive-us/a-49620020) (Ctrl + click ) to find out how they work and answer ‘True’ or ‘False’

If you have any unknown words click here on [Word Reference Dictionary](https://www.wordreference.com/engr/) to find what they mean.

Click [here](https://www.dw.com/en/autonomous-cars-when-will-our-cars-finally-really-drive-us/a-49620020) to watch the video (Avoiding accidents in self-driving cars)

1. Autonomous cars use sensonrs, radars and cameras to monitor traffic. ………………..
2. Ultrasonic sensors scan the road as far as 200m ahead of the car. ………………
3. Digital map updates are also used from the car’s setup system. ………………
4. The camera of a self-driving car can see better in a fog than the human eye. ………………..
5. Heavy rain and snowfall make it difficult for laser beams to function properly. …………………..
6. There have been no accidents so far with self-driving cars wherever they have been used. ………………….
7. Artificial intelligence will be used so that autonomous cars can respond to sudden hazards like human beings. ……………….
8. It is hoped that there will be fewer accidents on the road with fully autonomous vehicles. …………………….

* Would you feel safer with self-driving cars on the roads?

…………………………………………………………………………………………………….

Match these words with their synonyms :

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| --- | --- |
| 1. hazard 2. vehicle 3. aggressive 4. potential 5. respond to 6. avoid 7. detect 8. eventually 9. error | 1. stay away from 2. possible 3. mistake 4. finally 5. car 6. danger 7. react 8. notice, perceive, find 9. violent |