



## Electric Revolution

1. Why is it a big deal that Tesla is opening an electric car factory in Germany? Choose the best answer.

- It will produce half a million cars a year.
- It's Tesla's first factory in Europe.
- Germany is known for producing famous brands of petrol-fuelled cars, so Tesla will shake things up a bit.



2. Take a look at these facts, then answer the questions below.



The Atto 3 will be the **cheapest** all-electric vehicle in Australia when it launches later this year. It will cost **\$44,381.35**.



The Mitsubishi Mirage is the **cheapest** new petrol-fuelled car in Australia. It costs **\$14,990**.

- Petrol costs more than \$2 per litre in Australia right now.
- An electric car costs the equivalent of \$0.33 per litre to drive the same distance.
- If you have solar panels at home, the cost to drive your electric car is basically \$0.
- Many countries will ban the sale of petrol cars by 2030.
- Electric cars produce no carbon dioxide emissions.
- If you live in the ACT, the territory government will give you money back if you buy an electric vehicle.
- Experts say that the more people that buy electric vehicles, the cheaper they will get.

What kind of people do you think buy electric cars? Explain your thinking.

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Would you want your family to drive an electric vehicle? Why/why not?

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