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# Quarterly Problem

*Science Edition*

## Conventional, hybrid or electric?



*There are so many options of various types of vehicles on the market that it is often hard to know what to choose. Here is a task to help you analyse options and find the type of car that fits your needs and beliefs.*

Imagine that your family decided to buy a new car. You need to decide whether to buy an electric car, a conventional car that burns fossil fuels or a hybrid car. Each car type works in a different way. It is important to know the strengths of each type of car so that you can choose the car that best suits your life style.

- Will the car be used to cover short or long distances?
- How often will it be used?
- Are you looking for convenience?
- What will be the cost of the car?
- What will be the monthly running costs?
- What will be the environmental impact of each type?

You are required to look into the matter and decide which car will be most suitable.

### Brainstorm-Box

Is your family buying a car in 2023? Consider the strengths of the options available and choose the one that best suits your needs and preferences.



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## How will you convince your family that this is the best option?

Focus on presenting your ideas in a clear and comprehensible way.

What are your main considerations? Compare your decision and reasoning with that of your friends.