

## What do you know?

### Question sheet

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#### What do you know about the greenhouse effect and global warming?

Decide if the statements below are

**A** true    **B** can't be sure    **C** unlikely    **D** false

1. There is more carbon dioxide in the atmosphere than there was 100 years ago.
2. If summer temperatures in the United Kingdom reach record highs this year, you can be sure that global warming has started.
3. Global warming will not happen for another 100 years.
4. The greenhouse effect will cause global warming.
5. Global warming will cause sea levels to rise.
6. All ski resorts will have to close by the year 2030 because of global warming.
7. Global warming will make crops grow better in the United Kingdom.
8. Carbon dioxide in the atmosphere helps to trap the Sun's energy.
9. Carbon dioxide is the only gas, which causes a greenhouse effect.
10. Cutting down forests and burning fossil fuels causes global warming.
11. Global warming will result in some parts of the world getting wetter, while other parts will get drier.
12. Cows release gases, which add to global warming.
13. CFCs damage the ozone layer but do not contribute to the greenhouse effect.
14. If the Earth's temperature rises there will be more clouds in the sky because more water will evaporate into the atmosphere.
15. Water vapour in the atmosphere traps the Sun's heat and adds to the greenhouse effect.
16. If global warming starts we can stop it by using electric cars instead of burning petrol.
17. Hurricane force winds are caused by global warming.
18. Scientists cannot tell how much carbon dioxide was in the atmosphere 150 000 years ago because nobody made any measurements then.
19. Global warming will increase the rate of photosynthesis in plants. This will help to lower carbon dioxide levels in the atmosphere.
20. If the Earth's temperature rises, it will radiate more energy back into space. The temperature of the Earth will settle at a new higher level.