

Champion Energy Quiz

1. Which natural resource is not an ingredient in manufacturing glass bottles?

- A. Sand.
- B. Dirt.**
- C. Limestone.

2. How many years does it take a single aluminium can to decompose?

- A. 20 – 60 years.
- B. 80 – 100 years.**
- C. 100 – 120 years.

3. If you recycle a tonne of paper, how many trees are you saving?

- A. 12 trees.
- B. 17 trees.**
- C. 28 trees.

4. Recycling just one aluminium can saves enough energy to run a television for how long?

- A. 3 hours.**
- B. 9 hours.
- C. 12 hours.

5. Recycling just two glass bottles saves enough energy to boil water for how many cups of tea?

- A. 1 cup of tea.
- B. 5 cups of tea.**
- C. 7 cups of tea.

6. Most of the energy used on Earth today originally came from which source?

- A. The sun.**
- B. Oceans.
- C. Soil.

7. Which action does NOT save energy in your home?

- A. Turning all appliances to stand-by when not in use.
- B. Turning off and unplugging all appliances when not in use.
- C. Leaving lights on in only the rooms you are moving between.**

8. If all of the wind around the UK coasts could be used for energy, how much of our energy needs could be met by this source alone.

- A. None of our energy needs.
- B. Double our energy needs.
- C. Three times our energy needs.**

9. Reducing your room temperature by 1°C...could cut your heating bills by how much?

- A. Up to 10%**
- B. Around 25%
- C. Just under 50%

10. How much does the average household waste each year by leaving appliances on standby?

- A. £6.50
- B. £65**
- C. £650

11. How big a contribution do our homes make to the UK's total CO2 emissions?

- A. More than 25%**
- B. About 15%
- C. Less than 10%