

4 A cyber security company specialises in security solutions that help prevent hackers being successful.

(a) Identify **two** security solutions that can be provided to help prevent hackers being successful.

Explain how each solution helps prevent hackers being successful.

Solution 1

Explanation

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Solution 2

Explanation

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[6]

(b) The company also has a web page that provides information to improve people's awareness of social engineering.

Describe what is meant by social engineering.

Include an example of social engineering in your answer.

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[3]

(c) The company's website uses both session cookies and persistent cookies.

(i) State **one** similarity between session cookies and persistent cookies.

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..... [1]

(ii) Explain **one** difference between session cookies and persistent cookies.

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..... [2]