**5.2 Cyber Security**

1. A company has a website that is stored on a web server.

The company is concerned about a distributed denial of service (DDoS) attack.

1. Describe what is meant by a DDoS attack.

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1. Suggest**one** security device that can be used to help prevent a DDoS attack.

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1. Tina is creating a website for charity events. She uses HTML to create the website. Tina is concerned about security threats to her web server

Identify **three**security threats to her web server that Tina might be concerned about.

1.........................................................................................................................

2.......................................................................................................................

3......................................................................................................................... [3]

1. Alessandro has some important data stored on his computer.  
     
   He is concerned about accidental damage to his data.

Identify **two** ways that the data could be accidentally damaged.

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2................................................................................................ [2]