

Computing Assessment: Understanding Networks

Learning objective: To identify what a network is and explain how devices connect to share information.

Read each question carefully. Use the word bank to help you with your answers. Write your answers clearly on the lines provided.

Kit the fox is building a computer network for the BookFlik library. A network is a group of computers and devices joined together so they can talk to each other. This helps friends share files, play games, and find information. Some devices use a wire, and some use invisible signals to link up.

Word bank: Network · Internet · Device · Wireless · Cable · Server · Share · Connect

1. 1. Kit wants to link two computers together. What is the name for a group of computers that are joined to share information? (2 marks)

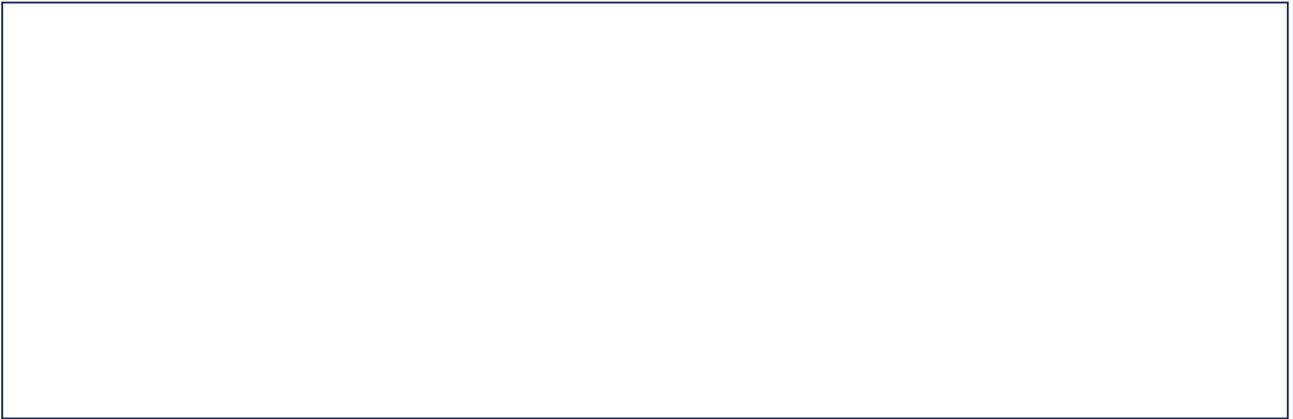
2. 2. Name one type of device that can be part of a network. (2 marks)

3. 3. Computers can be joined by a wire or by using invisible signals. What is the special name for a connection that does not use a wire? (2 marks)

4. 4. Why is it useful to have a network? Give two reasons. (4 marks)

5. 5. Imagine you are Kit the fox. Explain how a network helps you send a photo to your friends. Start your sentence with: 'I send the photo through the...' (5 marks)

Draw: Draw a picture showing two computers connected together. You can draw a line between them to show a wire, or draw a cloud to show a wireless connection.



Extension challenge: Total: /25. Challenge: Can you list one thing that might stop a network from working properly?