

# Ch 13: IT security and safety

## Section 1. Security solutions



# Learning objectives

- Explain various security threats to IT systems.
- Explain how to deal with security threats.
- Offer solutions to a non-IT expert when dealing with security threats.



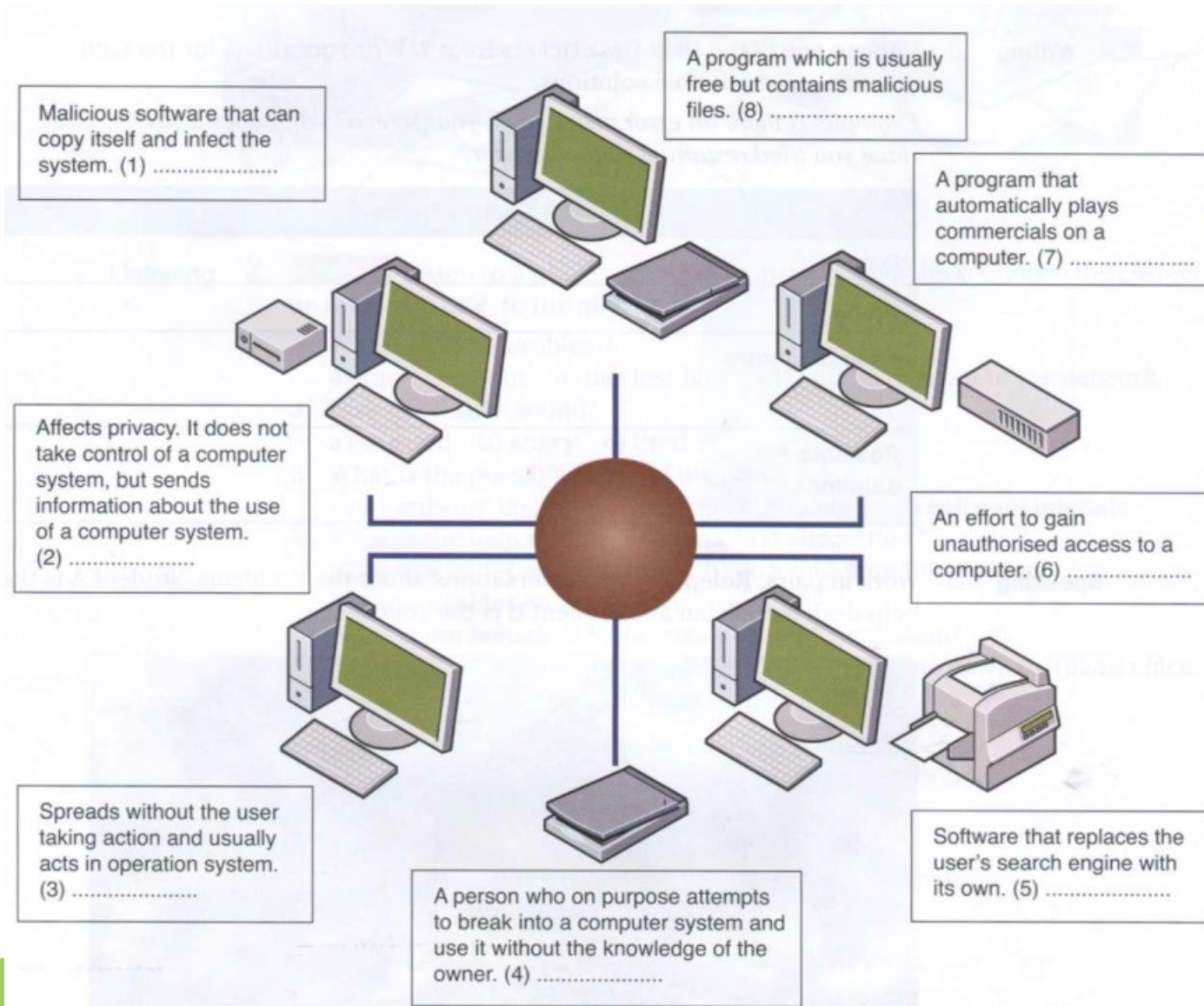
# Act. 1.1: Security threats & attacks

- What do you know about security threats and attacks?
- Find some words/terminologies related to security threats and attacks.



# Act. 1.2:

- Match each word with its description



- adware
- hacker
- browser hijacker
- malware attack
- spyware
- Trojan
- virus
- worm



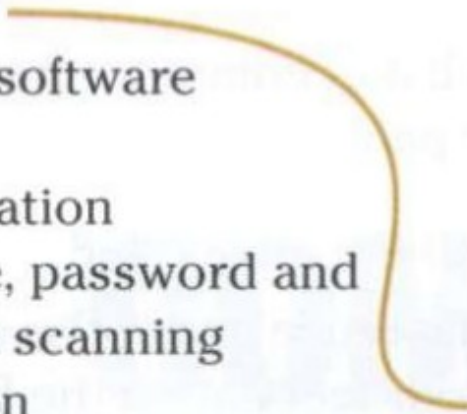
# Act. 2.1: Speaking

- Talk about your experience with computer security threats.
- Has anyone ever hacked into your computer system?
- Work in a group of 3, discuss what you can do to stop these problems.



# Act. 2.2: Exercise

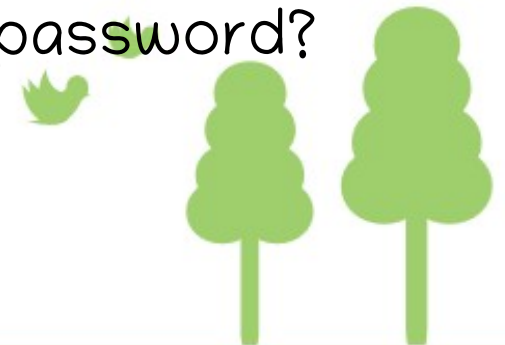
- Match the security solution to its purpose

- |   |  |
|---|--|
| 1 a firewall                                | a) prevents damage that viruses might cause            |
| 2 antivirus software                        | b) make sure only authorised people access the network |
| 3 authentication                            | c) checks the user is allowed to use system            |
| 4 username, password and biometric scanning | d) blocks unauthorised access codes                    |
| 5 encryption                                | e) protects the system from public access              |
- 



# Act. 3: Listening

- Recording 8.48
- What is the conversation about?
- Why does Ludek want Ales to check his laptop?
- Why is Ludek worried that he may lose his project?
- What does Ales think has happened to Ludek's laptop?
- Why does he recommend Ludek install an anti-spyware software?
- Why is it important to have a network access password?
- What will Ales do for Ludek?





# Act. 4: Vocabulary

## Expressing possibility

We use **may/might** + infinitive without *to* to talk about things that are possible now or in the future.

You **may** have a virus on your computer.

The program **might** not run properly.

- Work in pairs, practice giving advice to a non-IT expert on protecting their computer.

### Example:

- *Non-IT expert*: What should I do to stop ... ?
- *Expert*: You should ... It may/might

