

## LISTENING

### Task 1. Watch the video and fill in the gaps.

Cyber crime is 1 all over the world. By 2050, smart cities and homes will be the norm. Your fridge will tell a drone to pick up fresh milk when you run out, and lampposts will change 2 of street lights when smartphones and therefore humans are nearby. In this hyperconnected world, 3 cyber-criminals pose will only grow.

In the home, smart devices, including voice assistants, vacuum cleaners, and toilets, will be easy 4 for hackers. While these poorly secured gadgets do not store sensitive data themselves, they 5 to others that do and are vulnerable 6 for criminals. Meanwhile, 7 is a double-edged sword. While AI systems can help to identify incoming threats, attackers could also use them to unearth 8.

In future, foreign powers or cyber-criminals could cripple a country's electricity network by 9 the AI that controls it, or they could cut off the water supply or even cause 10 on the roads. AI could also help identify **fraudsters** by generating **deepfakes**. These digital **doppelgangers** are currently 11, but the techniques used to create them are rapidly improving, with increasingly realistic depictions of people. So far, they've mostly been used as part of revenge pornography. But a realistic digital avatar could be 12 for wheedling key details such as passwords or bank details out of targets.

But the struggle to keep systems **secure** is not hopeless. By 2050, much poorly written and **outdated** code will be removed and replaced by more secure alternatives. Even passwords could be **phased out**, obsolete and less 13 than facial recognition software.

**Deepfakes** could be beaten by constant 14 that track eye movement, faces, and keystrokes to ensure the person behind the keyboard is who they claim to be. But that 15 putting cybersecurity over privacy. Policymakers and designers must work hard to ensure that this does not become a binary choice.

### Task 2. Watch the video again and complete the word combinations:

1. hyperconnected \_\_\_\_\_
2. easy pickings for \_\_\_\_\_
3. poorly \_\_\_\_\_ gadgets
4. \_\_\_\_\_ access points
5. a \_\_\_\_\_ sword
6. to unearth \_\_\_\_\_
7. \_\_\_\_\_ a country's electricity network
8. to cause \_\_\_\_\_ chaos
9. \_\_\_\_\_ fraudsters

10. to \_\_\_\_\_ deepfakes
11. \_\_\_\_\_ doppelgangers
12. a realistic \_\_\_\_\_ avatar
13. \_\_\_\_\_ code
14. to phase out \_\_\_\_\_
15. facial \_\_\_\_\_ software