

Exercise walk-through

Digital Divide ■ 5.2

eXercise

You must be able to

- explain how the **digital divide** 数字鸿沟 describes unequal **access** 获取 to computing and the Internet
- identify factors such as income, geography, and age
- describe how limited access affects **opportunities** 机会
- evaluate efforts to improve **equity** 公平 of access

Method — The digital divide

The gap in **access** to computing and the Internet between different groups of people.

Method — Factors

Shaped by **income**, **geography** (rural vs urban), and **age**, among others.

Method — Effects and equity

Limited access reduces a person's **opportunities** in education and work. Decisions by governments and companies can **widen** or **narrow** the divide.

Practice 2.1 ■ 1 mark

Define the digital divide.

Solution 2.1

Method: The digital divide

Worked steps

the unequal access to computing and the Internet across different groups **B1**.

Practice 2.2 ■ 2 marks

Name two factors that shape the digital divide.

Solution 2.2

Method: The digital divide

Worked steps

any two of: income, geography, age **B1** **B1**.

Practice 2.3 ■ 1 mark

State how limited Internet access can affect a person.

Solution 2.3

Method: Effects and equity

Worked steps

it reduces their opportunities in education and work **B1**.

Exam-style 3.1 ■ 1 mark

The digital divide describes unequal

- A** prices
- B** access to computing and the Internet
- C** file sizes
- D** network speeds only

Solution 3.1

Method: The digital divide

- A prices
- B access to computing and the Internet
- C file sizes
- D network speeds only



Worked steps

B.

Exam-style 3.2 ■ 1 mark

Which of these factors shapes the digital divide?

- A** income
- B** the weather
- C** the programming language
- D** the screen colour

Solution 3.2

Method: The digital divide

A income



B the weather

C the programming language

D the screen colour

Worked steps

A.

Exam-style 3.3 ■ 1 mark

A rural village has no reliable Internet access.

- (a) State one effect on residents' opportunities.
- (b) Name one factor behind the divide here.
- (c) State one way to narrow it.

Solution 3.3

Method: Effects and equity

Worked steps

(a) fewer education or job opportunities **B1**. (b) geography (or income) **B1**. (c) provide affordable access or build infrastructure **B1**.