

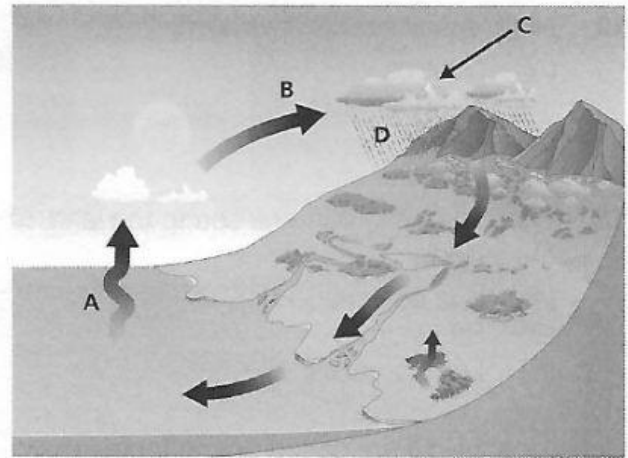
Practice questions

- 1 The device used to measure the amount of rainfall is a:
 - (A) Thermometer
 - (B) Rain gauge
 - (C) Rain vane
- 2 To measure the wind speed a scientist will use a:
 - (A) Anemometer
 - (B) Wind vane
 - (C) Thermometer
- 3 Two devices used to measure wind direction are:
 - (A) Rain gauge and anemometer
 - (B) Thermometer and barometer
 - (C) Wind vane and windsock
- 4 What does the symbol below represent?



 - (A) Sunshine
 - (B) Rain
 - (C) Snow
- 5 Wind is formed when:
 - (A) The Sun evaporates seawater
 - (B) Cold air rises and warm air falls
 - (C) Warm air rises and colder air rushes in to replace it
- 6 Which of the following is NOT a type of precipitation?
 - (A) Sand storm
 - (B) Rain
 - (C) Hail

Questions 7–10 are based on the diagram below.



- 7 The process shown by the letter A in the diagram is:
 - (A) Condensation
 - (B) Cloud formation
 - (C) Evaporation
- 8 The part of the diagram labelled B shows:
 - (A) Condensation
 - (B) Evaporation
 - (C) Melting
- 9 What are being formed during stage C?
 - (A) Winds
 - (B) Clouds
 - (C) Mountains
- 10 The process shown at stage D is:
 - (A) Condensation
 - (B) Evaporation
 - (C) Precipitation

- 1 (A) (B) (C)
 2 (A) (B) (C)
 3 (A) (B) (C)
 4 (A) (B) (C)

- 5 (A) (B) (C)
 6 (A) (B) (C)
 7 (A) (B) (C)
 8 (A) (B) (C)

- 9 (A) (B) (C)
 10 (A) (B) (C)

- 11** The three main types of clouds are:
- (A) Thunder, wispy and cotton wool
 - (B) Cirrus, stratus and cumulus
 - (C) Light, heavy and white
- 12** High, wispy clouds are called:
- (A) Nimbus
 - (B) Nimbostratus
 - (C) Cirrus
- 13** Winds blowing from the sea to the land are called:
- (A) Sea breezes
 - (B) Sea storms
 - (C) Land breezes

Questions **14–16** are based on the table below.

Study the table.

	Monday	Tuesday	Wednesday	Thursday	Friday
Rainfall in millimetres	0	0	5	15	20
Sunshine in hours	8	5	3	1	1

- 14** Which day had the highest rainfall?
- (A) Monday
 - (B) Wednesday
 - (C) Friday
- 15** Which statement BEST fits the weather recordings?
- (A) The weather was mixed during the week
 - (B) The weather changed to give less sunshine and more rain during the week
 - (C) The amount of sunshine was the same all week
- 16** Which prediction for the weather on Saturday is the most likely to be accurate?
- (A) Saturday will be sunny and dry
 - (B) Saturday will be cold and windy
 - (C) Saturday will be rainy with little or no sunshine
- 17** The amount of water vapour in the air is known as:
- (A) Temperature
 - (B) Humidity
 - (C) Precipitation

- 11** (A) (B) (C)
12 (A) (B) (C)
13 (A) (B) (C)

- 14** (A) (B) (C)
15 (A) (B) (C)
16 (A) (B) (C)

- 17** (A) (B) (C)

How did I do?

A Now check the answers to the practice questions on page 108.

6 or fewer question correct:
You need to revise all areas much harder

7–12 questions correct:
You need more revision in weak areas.

13 or more questions correct:
Well done – you can move to the next topic

B Study the information given below to identify which key points and question types you need to revise.

Sub-topic	Topic area	Question numbers
Measuring the weather	Devices	1–3
	Recording and interpreting the weather	14–16
	Symbols	4
Types of weather	Wind	5, 13
	Precipitation	6
	Clouds and humidity	11–12, 17
Causes of the weather	Water cycle	7–10

Notes

Make your own copy of important diagrams, e.g. the water cycle. Pin them up on a mirror or door. You can then keep looking at them and this will help you to learn them.

- Questions involving the **labels on a diagram** – such as the water cycle (questions 7–10). If so, make sure you understand how this kind of diagram works.
- Questions including **the word 'BEST'**, possibly because some of the others answers were also correct (question 15). If so, go back and read these again, checking the answers. Remember to ignore other correct answers.
- Questions **linked to a table** (questions 14–16). Remember to look for patterns and trends.

C Complete the *How did I do?* table

How did I do?	Earth's weather
Date I completed the tests	
Total score	
Types of questions I found easy	
Types of questions I found difficult	
How can I improve?	