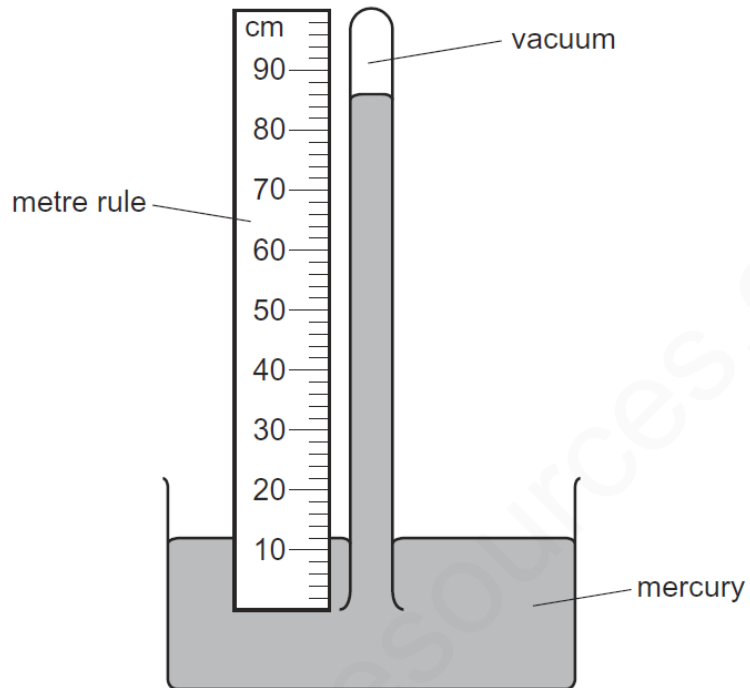# BAROMETERS-SET-2

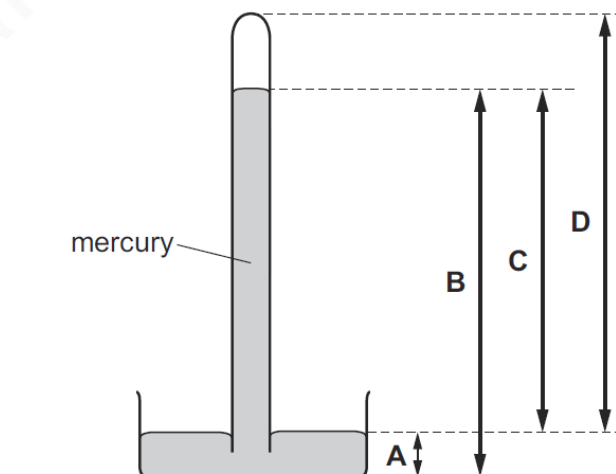**1** The diagram shows a simple mercury barometer.

Which length is used to find the value of atmospheric pressure?

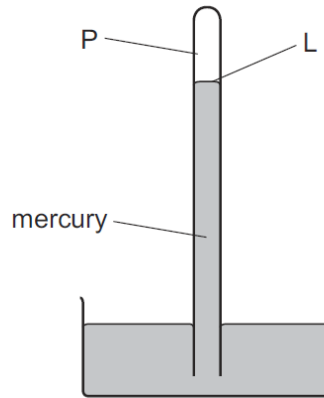**A** 12 cm **B** 74 cm **C** 86 cm **D** 100 cm

2 The diagram shows a simple mercury barometer.

Which height is used as a measurement of atmospheric pressure?

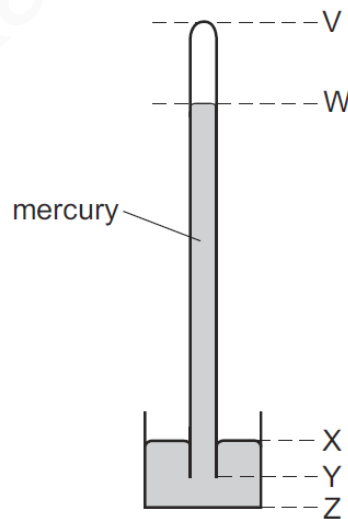| 3	The diagram shows a simple mercury barometer, used to measure atmospheric pressure.

Atmospheric pressure decreases.

Which row states what happens to the pressure at point P and what happens to the level L?

	pressure at P	level L
A	decreases	falls
B	decreases	rises
C	stays the same	falls
D	stays the same	rises

4	The diagram shows a simple mercury barometer.

The atmospheric pressure increases.

Which distance increases?

A VW **B** WY **C** XY **D** XZ

5	A simple barometer includes a column of mercury.
	Which property of this column of mercury is used to give a measurement of atmospheric pressure?
	A its cross-sectional area
	B its height
	C its temperature
	D its thermal capacity