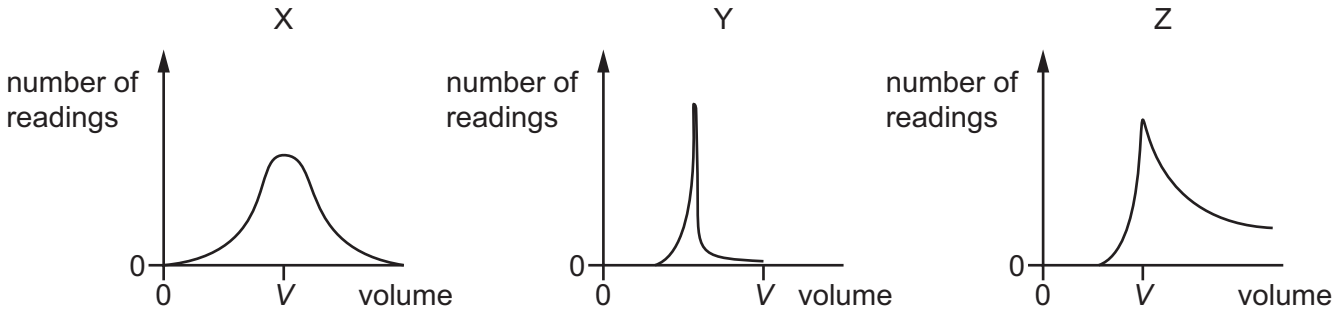
5 Students take readings of the volume of a liquid using three different pieces of measuring equipment X, Y and Z.

The true value of the volume of the liquid is *V*.

The students' results are shown.



How many pieces of equipment are precise and how many are accurate?

	number of precise pieces of equipment	number of accurate pieces of equipment
A	1	1
B	1	2
C	2	1
D	2	2

6 A sprinter runs a 100 m race. The sprinter has a constant acceleration from rest of 2.5 $m\,s^{-2}$ until reaching a speed of 10 $m\,s^{-1}$. The speed then remains constant until the end of the race.

Which time does it take the sprinter to run the race?

A 8.9 s **B** 10 s **C** 12 s **D** 14 s