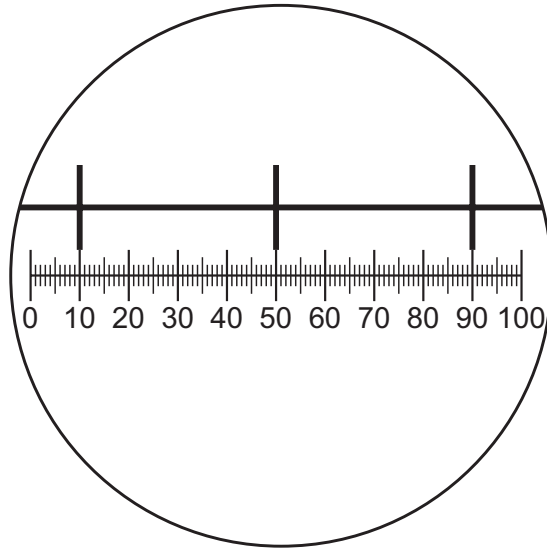


- 1 The diagram shows a stage micrometer, with divisions 0.1 mm apart, viewed through an eyepiece containing a graticule.



The same eyepiece is now used to examine a blood smear.

How many graticule divisions will cover the diameter of a lymphocyte of $10\ \mu\text{m}$?

- A** 1 **B** 4 **C** 10 **D** 20