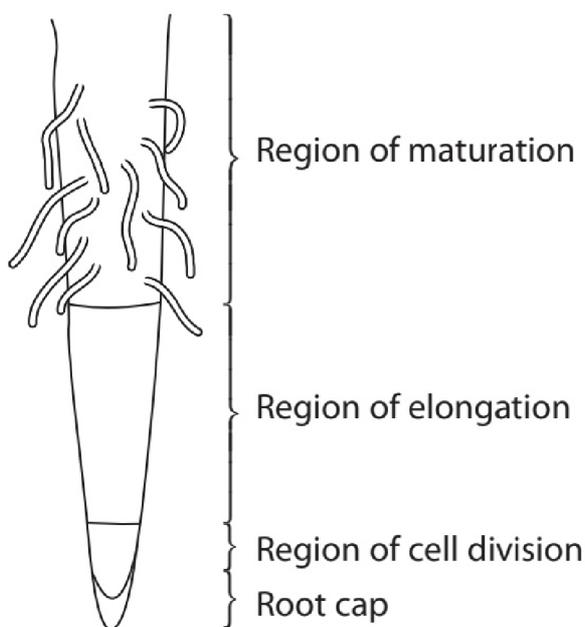


6 The diagram below shows part of a plant root.



(a) Cell division can be measured using the mitotic index.

The mitotic index is calculated using the formula

$$\frac{\text{number of cells in mitosis}}{\text{total number of cells}} \times 100$$

The graph below shows the mitotic index in a root tip.

