

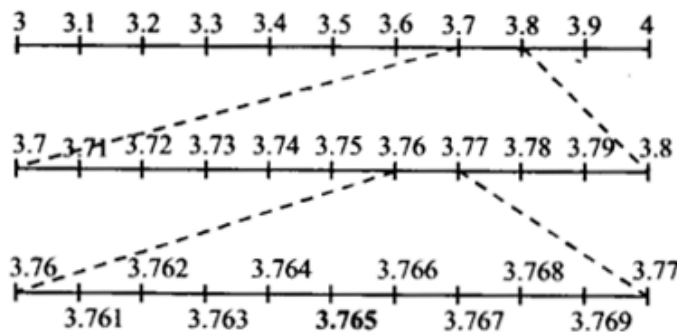
NCERT Solutions for Class 9 Maths Chapter 1 Number Systems Ex 1.4

Question 1.

Visualise 3.765 on the number line, using successive magnification.

Solution.

3.765 lies between 3 and 4.



(i) 3.7 lies between 3 and 4

(ii) 3.76 lies between 3.7 and 3.8

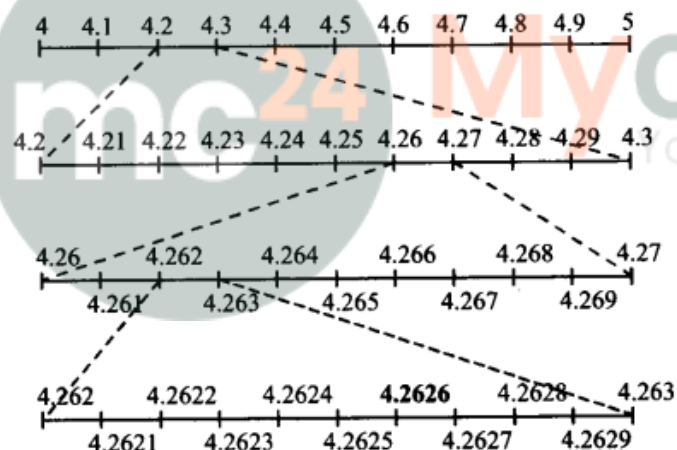
(iii) 3.765 lies between 3.76 and 3.77

Question 2.

Visualise $4.\overline{26}$ on the number line, upto 4 decimal places.

Solution.

$4.2\overline{6}$ or 4.2626 lies between 4 and 5.



(i) 4.2 lies between 4 and 5

(ii) 4.26 lies between 4.2 and 4.3

(iii) 4.262 lies between 4.26 and 4.27

(iv) 4.2626 lies between 4.262 and 4.263