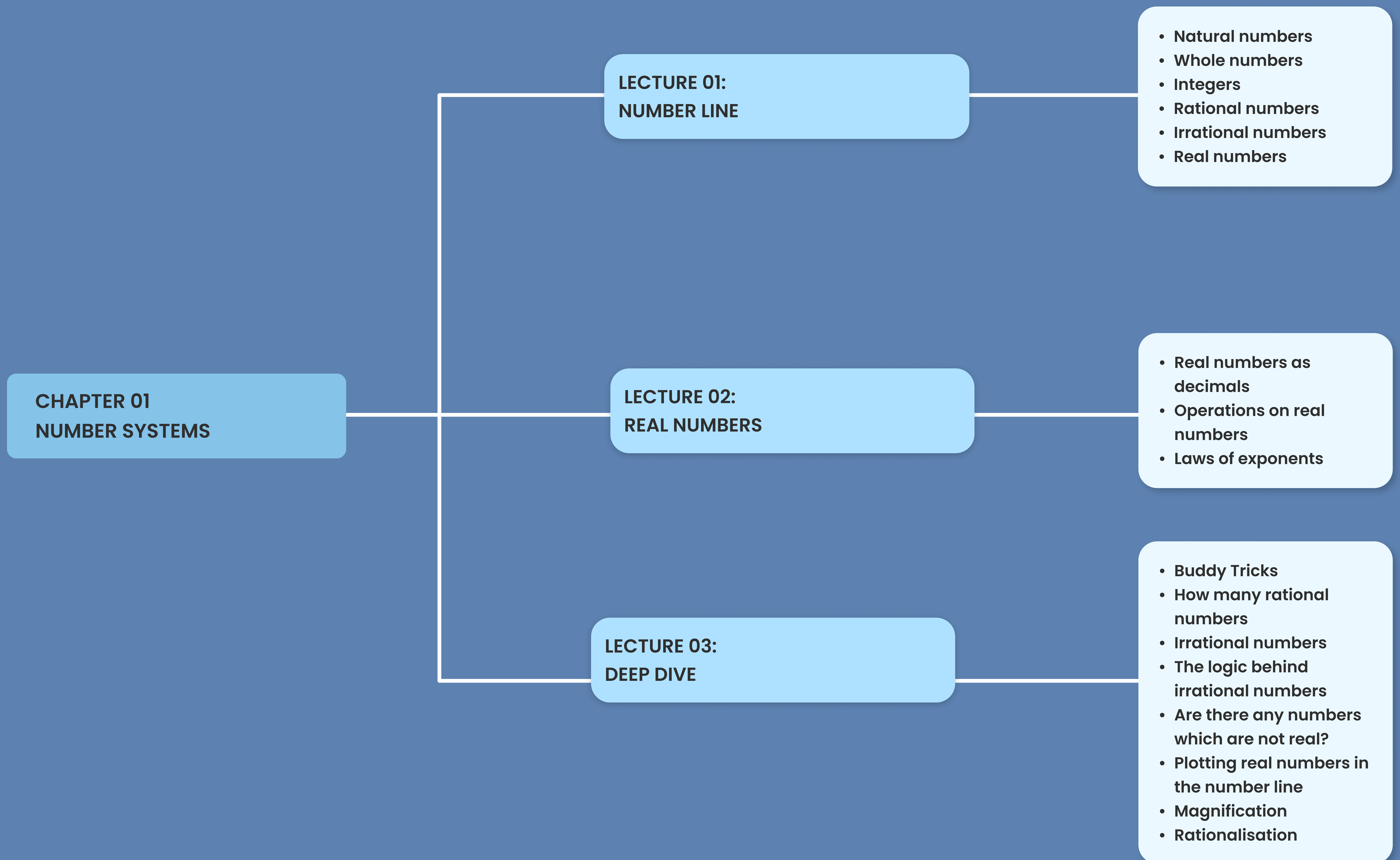




GRADE 9

CHAPTER MAP – NUMBER SYSTEMS



Example: 2

Find n rational numbers between a and b ($a < b$).

Solution:

Method 2

(i) Find $d = \frac{b - a}{n + 1}$.

(ii) 1st rational number will be $a + d$.

2nd rational number will be $a + 2d$.

3rd rational number will be $a + 3d$ and so on....

n th rational number is $a + nd$.