Example 2 : The following data : 2, 5, 15, 25, 20, 12, 8, 7, 6, 16, 21, 17, 30, 32, 23, 40, 51, 15, 2, 9, 57, 19, 25 is grouped in the classes 0 –5, 5 –10, 10 –15 etc. Find the frequency of the class 20 –25.

(a) 5 (b) 4 (c) 3 (d) 2

Example 6 : The probability of getting a multiple of 2 when a dice is rolled is
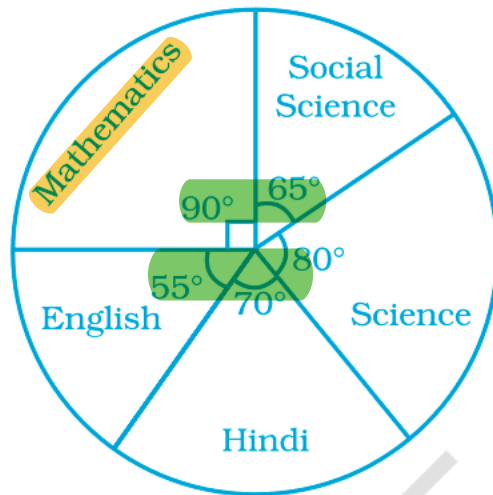
(a) $\dfrac{1}{6}$ (b) $\dfrac{1}{3}$ (c) $\dfrac{1}{2}$ (d) $\dfrac{2}{3}$

Example 14 : The pie chart gives the marks scored in an examination by a student in different subjects. If the total marks obtained were 540, answer the following questions–

(i) In which subject did the student score 105 marks?

(ii) How many more marks were obtained by the student in Mathematics than in Hindi?

15. A coin is tossed 200 times and head appeared 120 times. The probability of getting a head in this experiment is

(a) $\dfrac{2}{5}$ (b) $\dfrac{3}{5}$ (c) $\dfrac{1}{5}$ (d) $\dfrac{4}{5}$

Example 29 : The four angles of a quadrilateral are in the ratio 3 : 4 : 5 : 6. Find the angles.

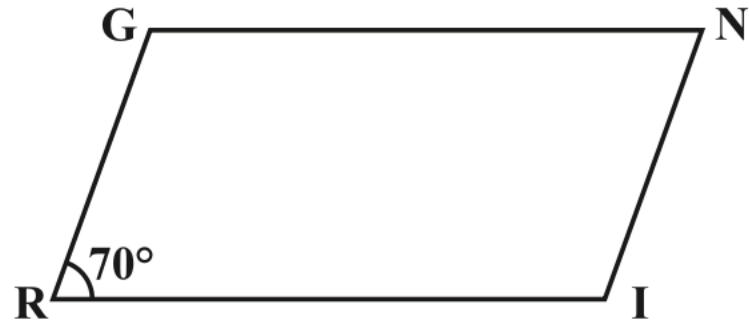**Example 5:** In a parallelogram RING, (Fig 3.22) if $m\angle R = 70°$, find all the other angles.

Fig 3.22