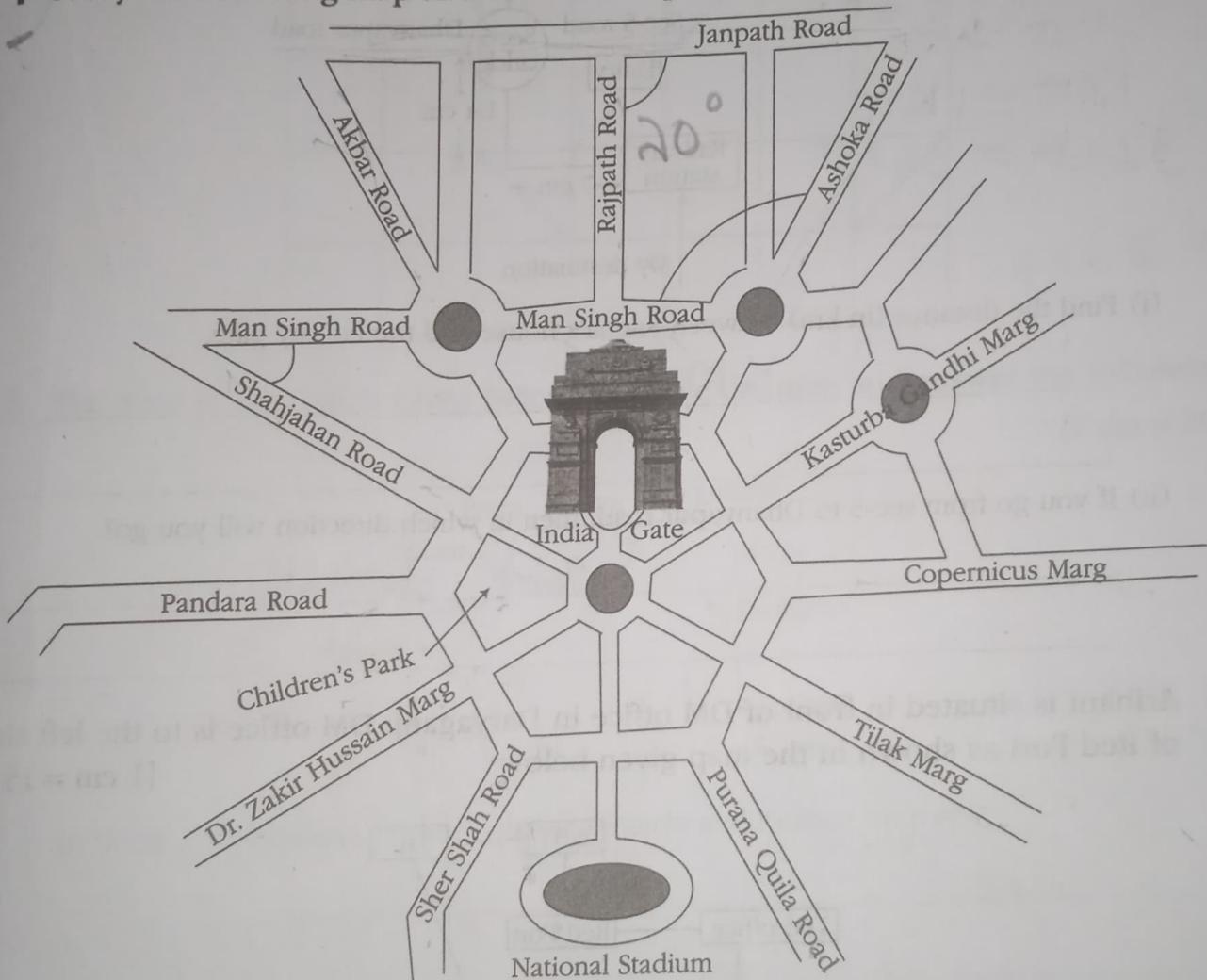


Mapping Your Way

1 Study the following map and answer the questions that follow.



(i) What is the measure of the angle formed between Rajpath and Janpath roads?

Right angle means 90° .

(ii) What is the angle formed between Man Singh road and Shahjahan road?

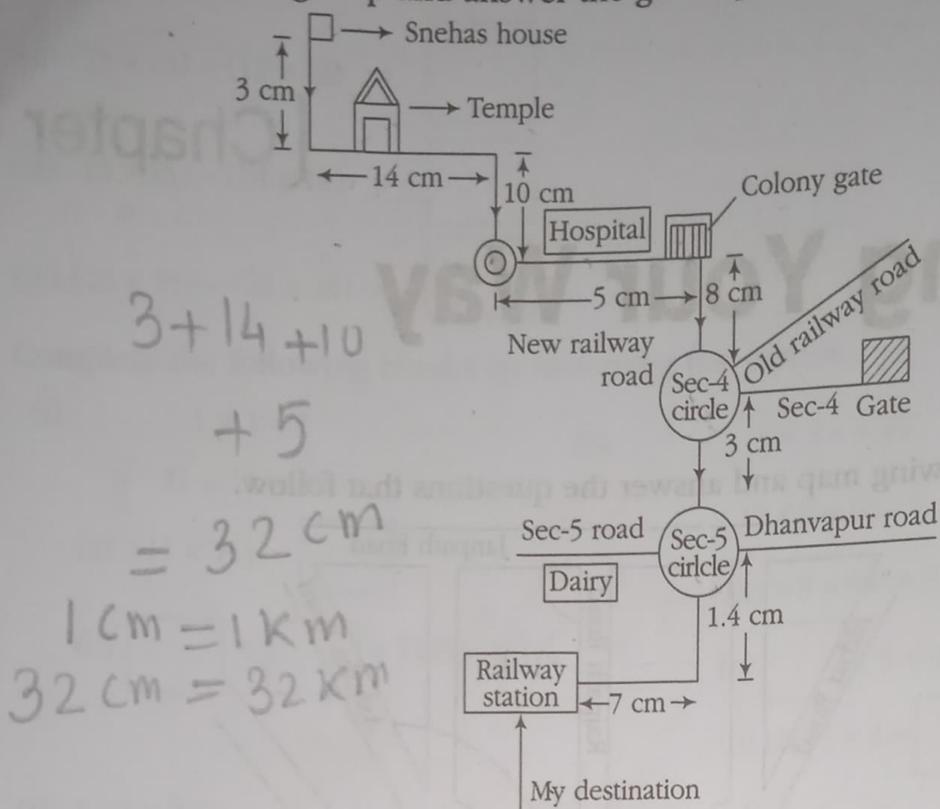
Acute angle

(iii) Which geometrical shape is formed by Janpath, Akbar, Man Singh and Ashoka roads?

Quadrilateral shape.

[1 cm = 1 km]

2 Study the following map and answer the given questions.



$3 + 14 + 10$
 $+ 5$
 $= 32 \text{ cm}$
 $1 \text{ cm} = 1 \text{ km}$
 $32 \text{ cm} = 32 \text{ km}$

(i) Find the distance (in km) between Sneha's house and the colony gate.

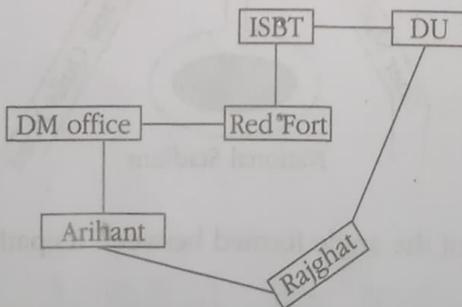
32 km

(ii) If you go from sec-5 to Dhanvapour road, then in which direction will you go?

East direction

3 Arihant is situated in front of DM office in Daryaganj. DM office is to the left side of Red Fort as shown in the map given below

[1 cm = 15 km]



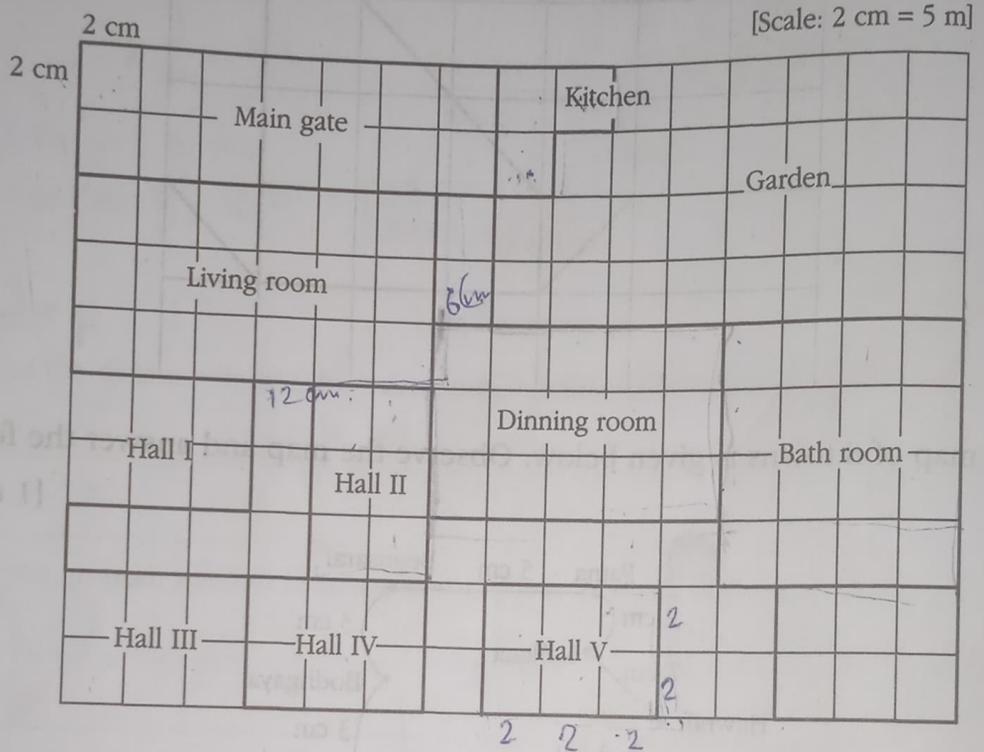
(i) Rohit lives in Daryaganj near by Arihant and studies in DU. Which is the shortest path for him to reach college?

(iv) In which direction is Murgan located with respect to Begusarai?

(v) How many kilometres will you have to travel, if you go from Begusarai to Patna?

(vi) Measure the distance (in km) between Danapur and Bodhgaya.

6 Anuradha's house from the top looks like as shown in the given figure.



(i) What is the area (in sq cm) of each hall?

24 sq cm

(ii) How many times bigger is the area of living room than that of a hall?

$24 \overline{) 72} (3$
24

00
∴ 3 times

(iii) What is the length and width of the dining room?

(a) Length = 10 cm, width = 6 cm

(b) Length = 5 cm, width = 3 cm

(c) Length = 6 cm, width = 6 cm

(d) Length = 3 cm, width = 5 cm

(iv) How many times bigger is the area of the dining room than that of the kitchen?

$12 \overline{) 60} (5$
60

00
∴ 5 times