

Date: _____

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Question No #01

~~-(A)-~~

Find the missing term

- i) 3, 9, 21, 39, 63, 93
- ii) 1, 5, 11, 21, 37, 61
- iii) 5, 6, 16, 29, 46, 65, 88, 113
- iv) 1, 3, 4, 9, 27, 36, 243, 324, 972

~~-(B)-~~

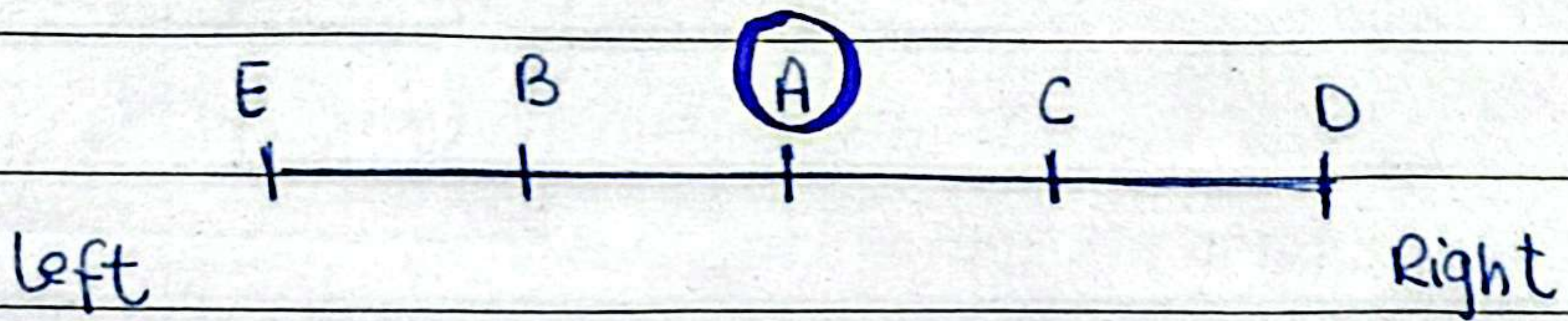
KENWOOD is written as RRGWICL
then in same language the word
PANASONIC is written as **RQLFSYIYG**

~~-(C)-~~

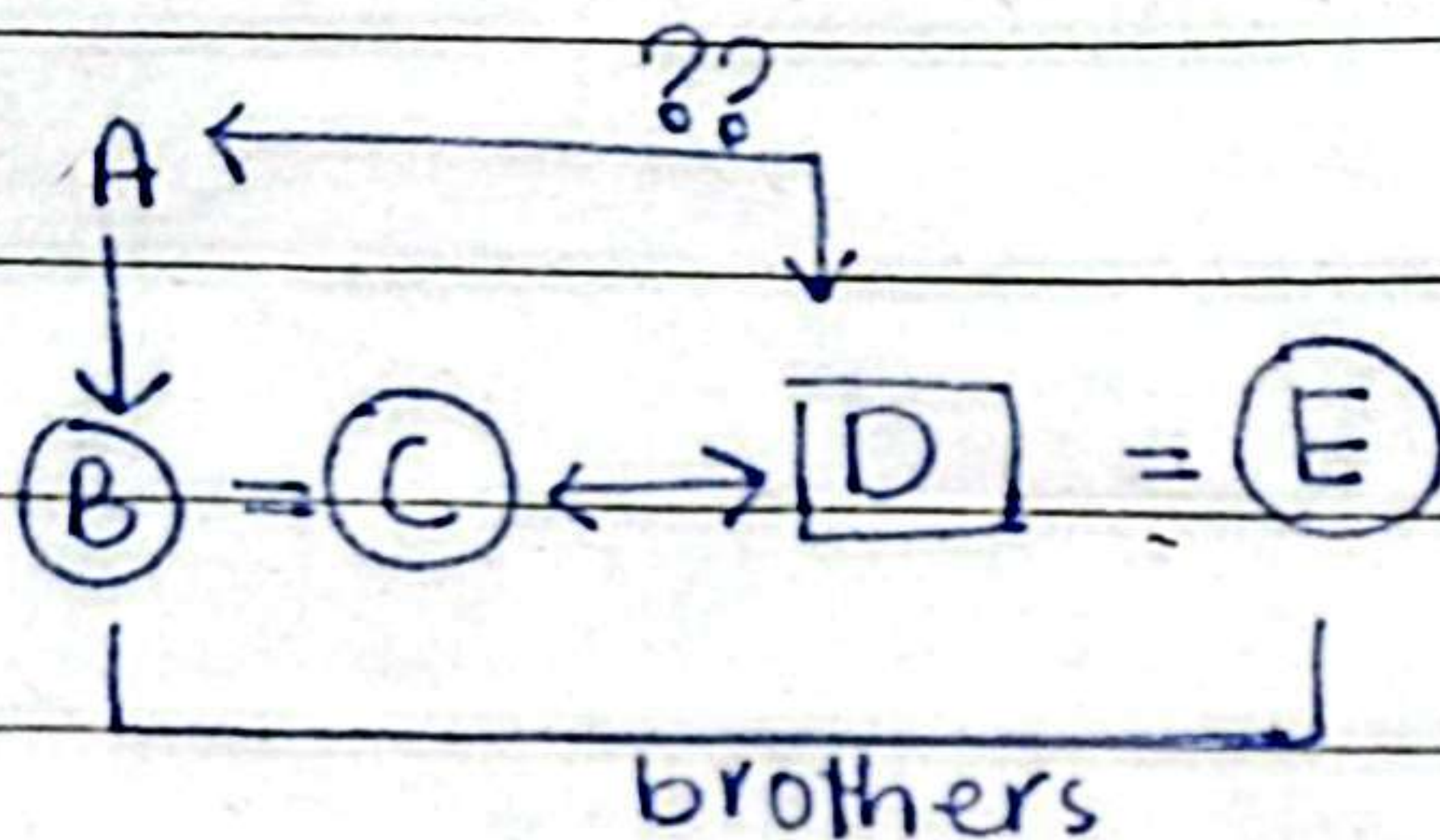
A, B, C, D and E are sitting on the bench.

A is sitting between **B** and **C**

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(D)



D is daughter-in-law of A.

Question No #02

(A)

Father is aged three times of his son Rashid.

Son = x

$\bullet \bullet \bullet (A = 10)$

$$\text{father} = 3x = 30$$

After 8 years

Son = $x + 8$ = 18

$$\text{father} = 2.5x + 8 = 2.5(18) + 8$$

father = 45 year

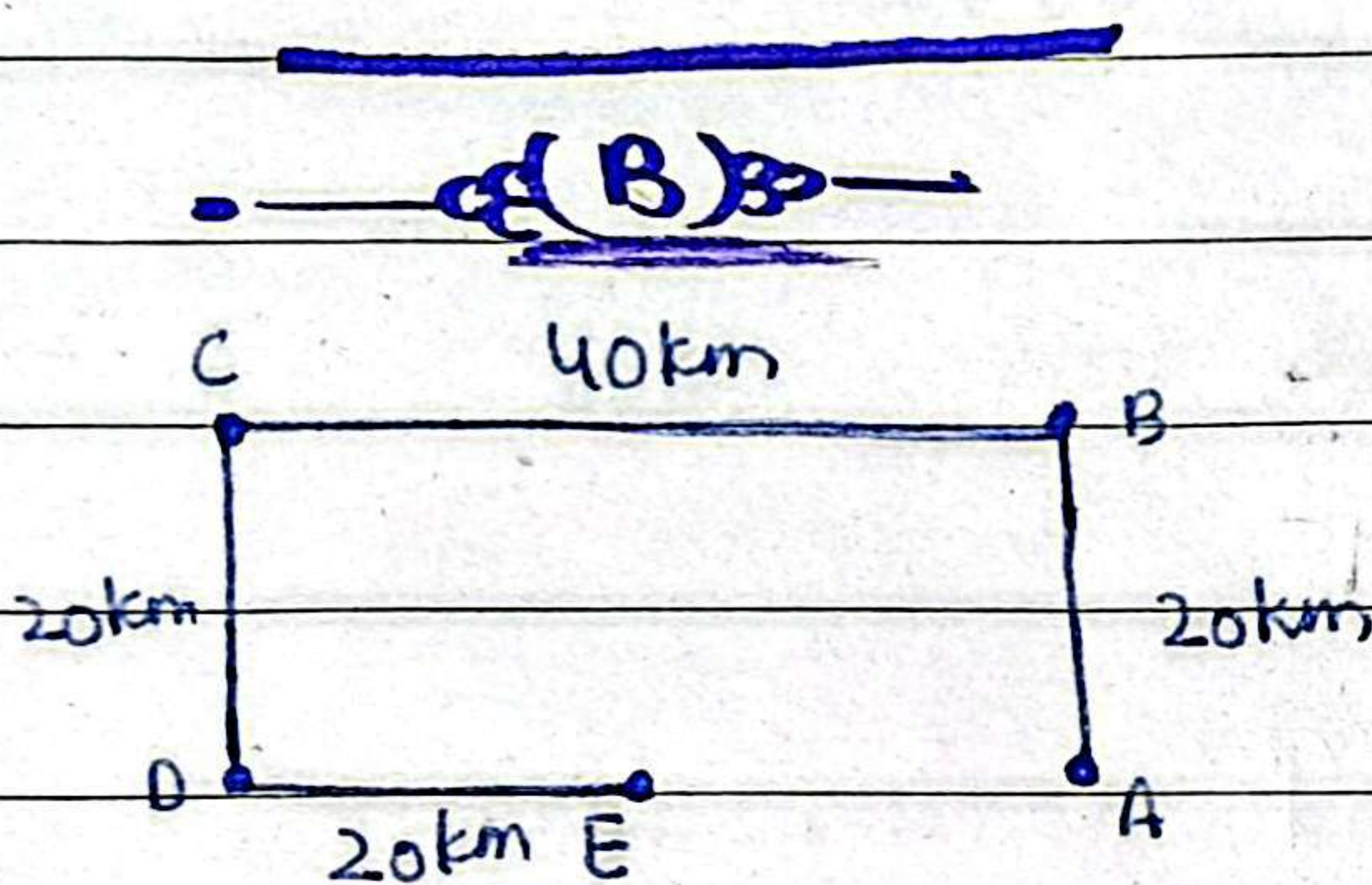
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After further 8 year.

$$\text{son} = x + 8 = 18 + 8 = 26$$

$$\text{father} = 45 + 8 = 53 \text{ year}$$

After further 8 years, father is aged twice than the his son Rashid's age.



- a) Saleem is 20km from his starting point.
- b) Saleem travelled 100 km distance.
- c) Saleem is moving toward East.
- d) Saleem is in West from his initial position.



City X

$$\text{men} = x$$

$$\text{women} = \frac{x}{2}$$

Y

$$\text{men} = x - 10$$

$$\text{women} = \frac{x}{2} + 5$$

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Now, the number of men is equal to women =

$$x - 10 = \frac{x}{2} + 5$$
$$x - 10 = \frac{x + 10}{2}$$

$$2(x - 10) = x + 10$$

$$2x - 20 = x + 10$$

$$2x - x = 10 + 20$$

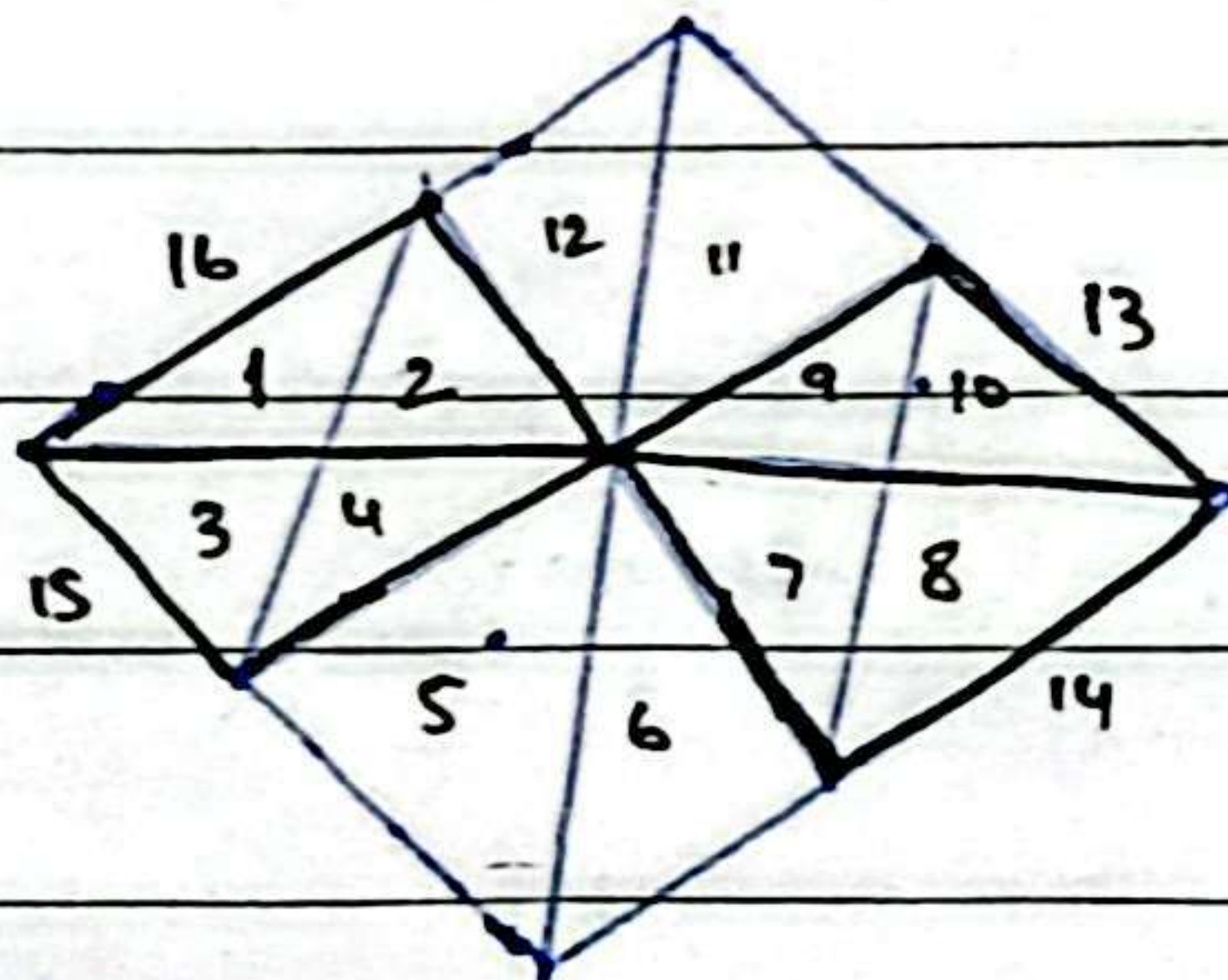
$$x = 30$$

At City X → men are 30 and women are 15

Total passengers = 30 + 15
in beginning = 45

• — QD — •

Total number of triangles in the following figure.



Total triangles = 12 + 4

= 16