

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)

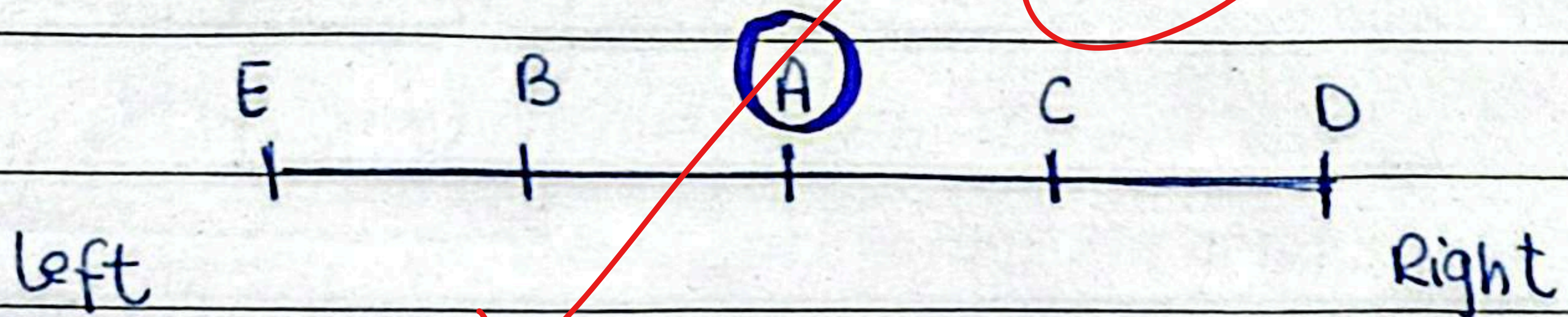
KENWOOD is written as RRGWICL
then in same language the word
PANASONIC is written as RQLFSYIYG

(C)

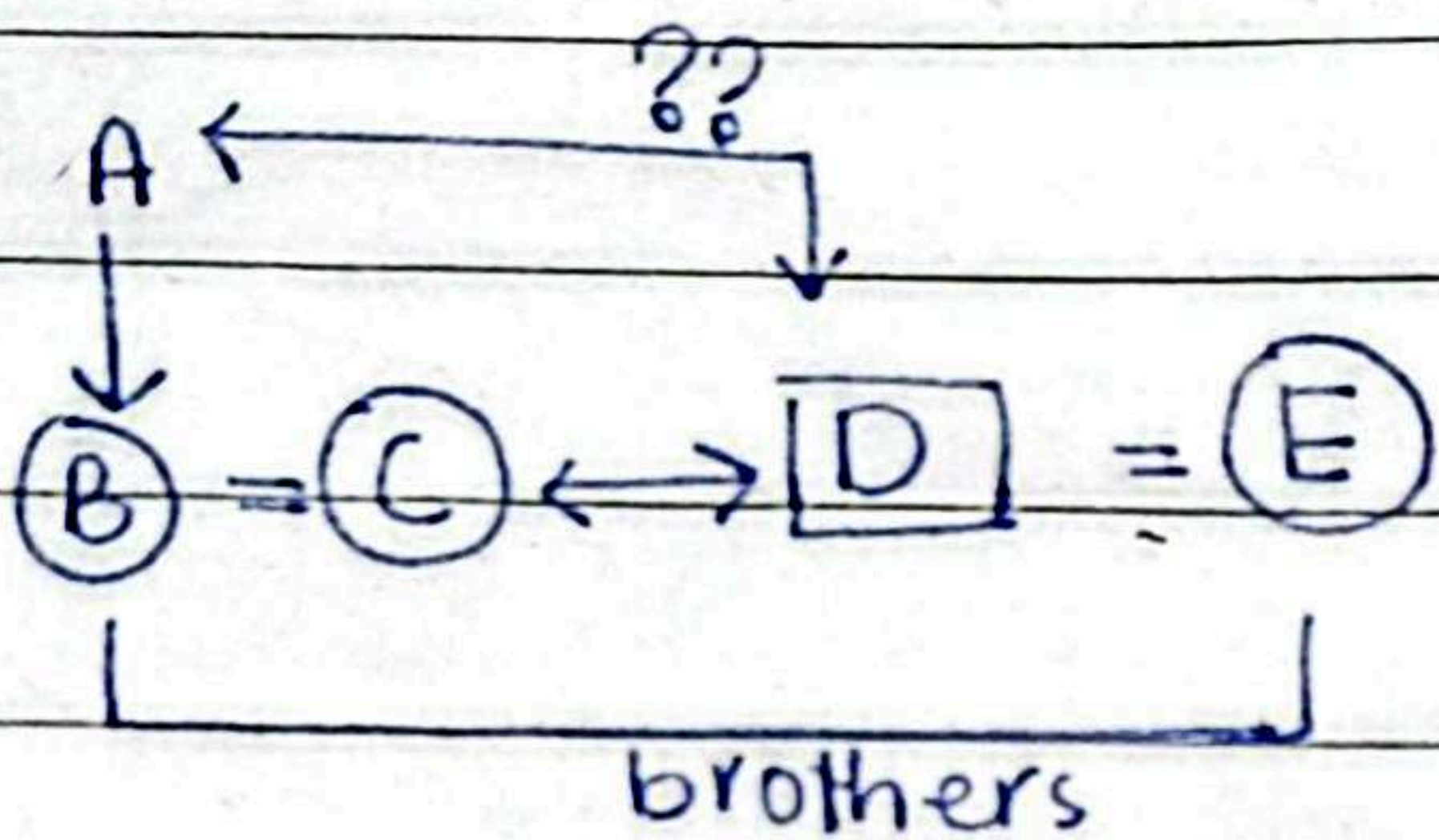
A, B, C, D and E are sitting on the bench.

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

$\therefore (x = 10)$

father = $3x$

= 30

After 8 years

Son = $x + 8 = 18$

father = $2.5x + 8 = 2.5(18) + 8 = 53$

father = 45 year ?

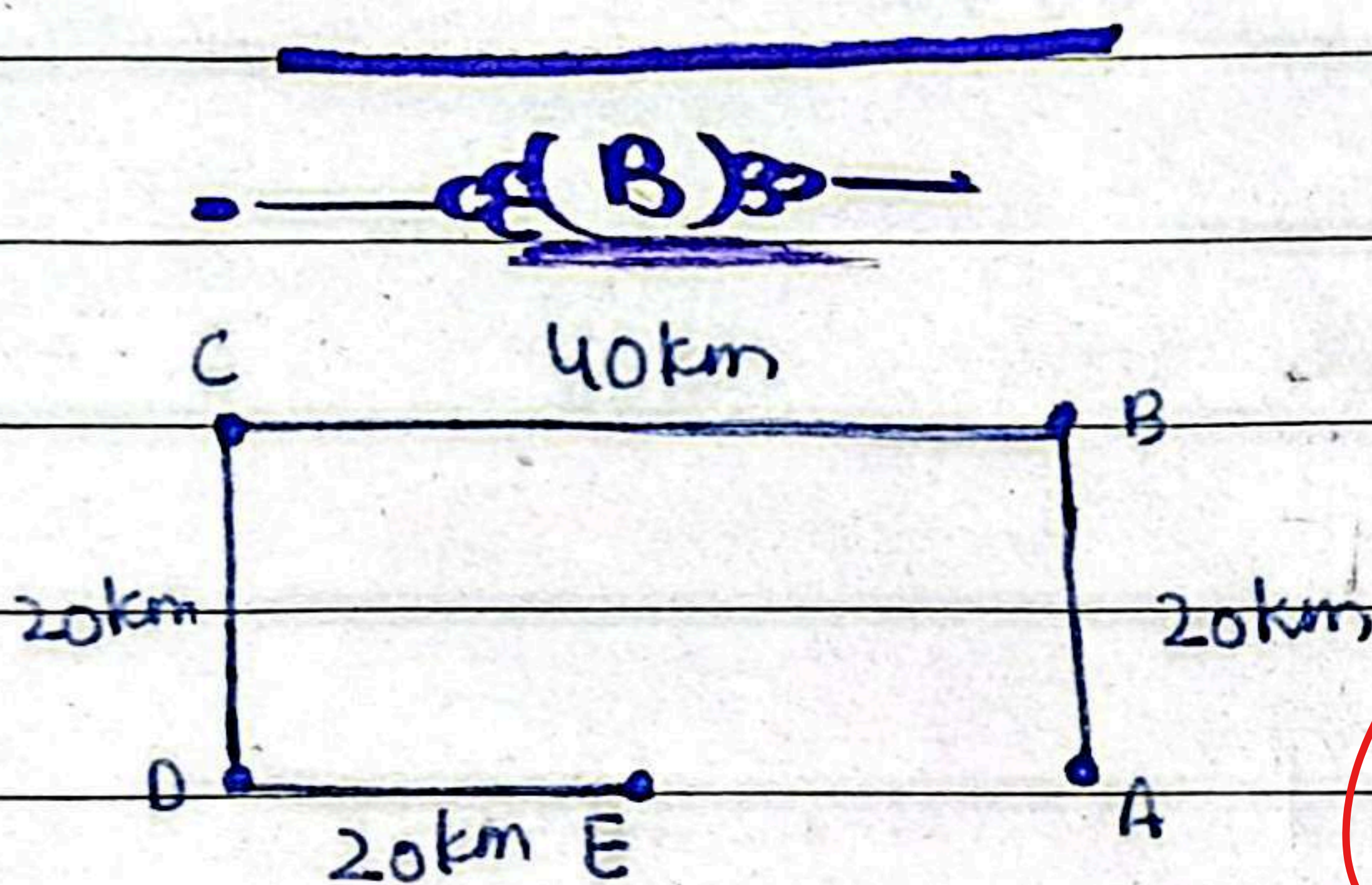
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After further 8 year.

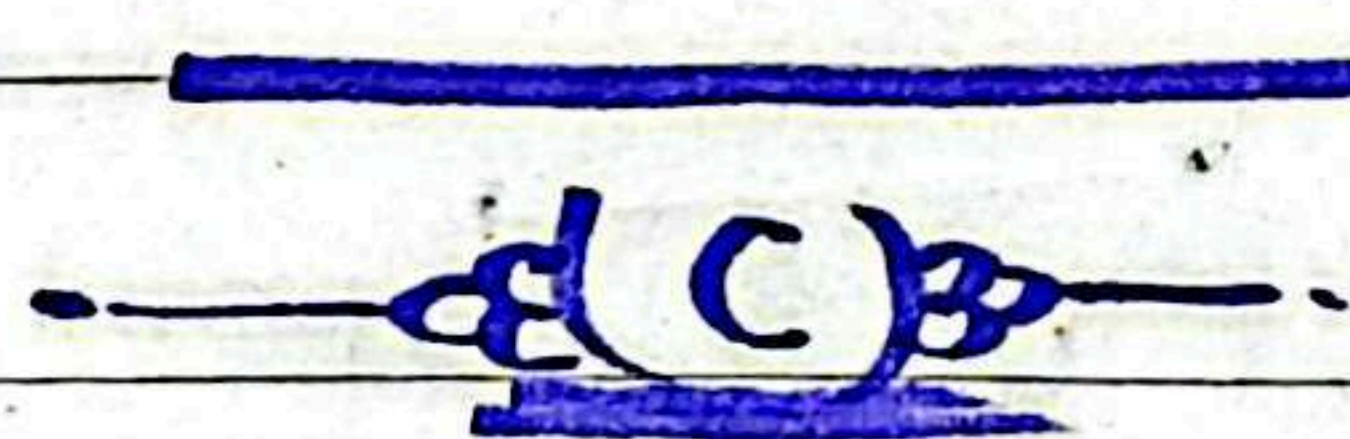
$$\text{son} = x + 8 = 18 + 8 = 26$$

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

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

$$\begin{aligned} \text{men} &= x \\ \text{women} &= \frac{x}{2} \end{aligned}$$

Y

$$\begin{aligned} \text{men} &= x - 10 \\ \text{women} &= \frac{x}{2} + 5 \end{aligned}$$

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Now, the number of men is equal to women =

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

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

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

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

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

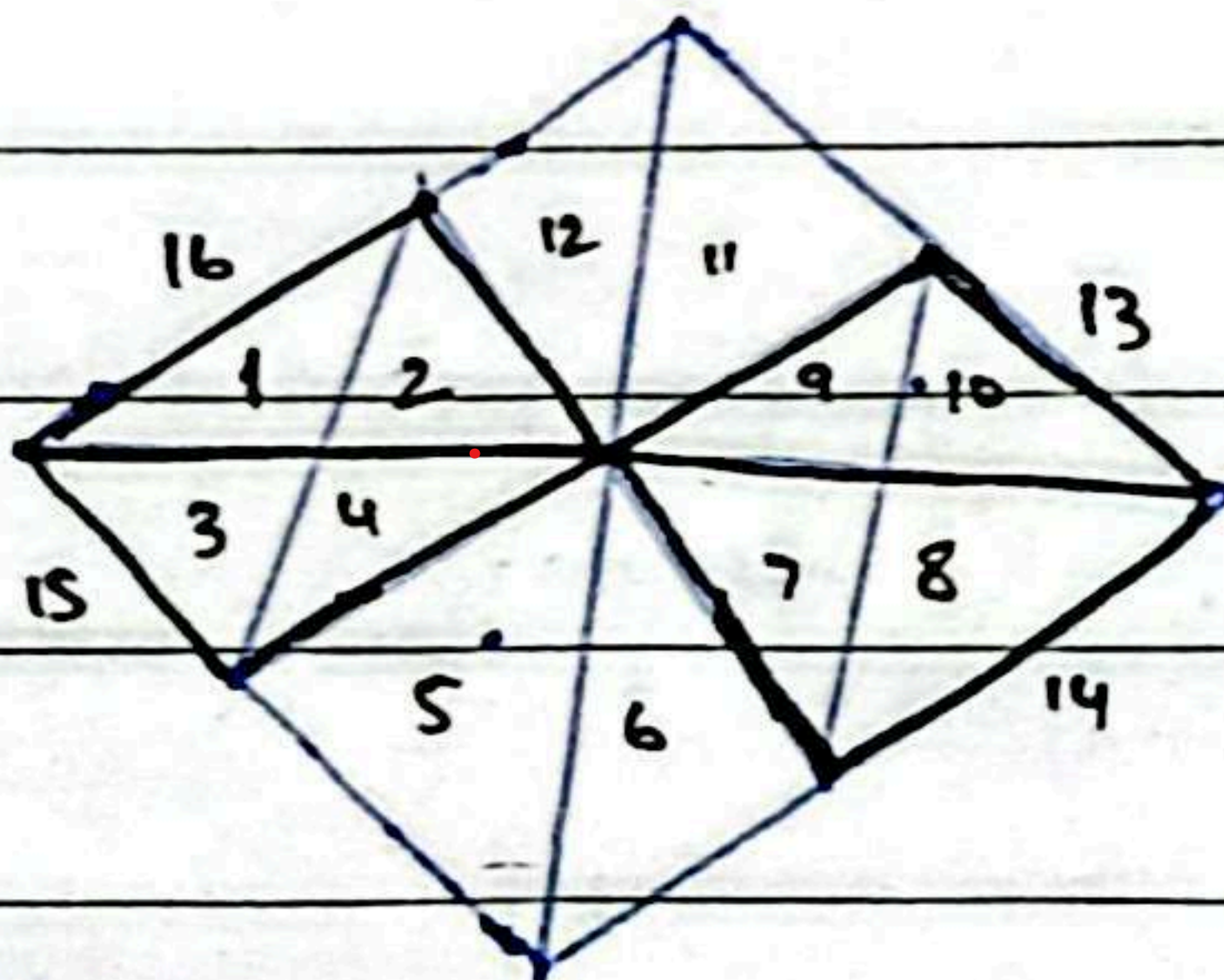
$$x = 30$$

At City X $\rightarrow$ men are 30 and women are 15

Total passengers in beginning = 30 + 15
= 45

• — QD — •

Total number of triangles in the following figure.



Total triangles = 12 + 4

$$= 16$$