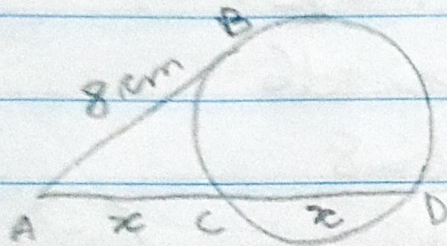


# Larefa Básica

1-)



$$8^2 = 2x \cdot x$$

$$64 = 2x^2$$

$$32 = x^2$$

$$x = \sqrt{32}$$

$$x = 4\sqrt{2}$$

$$32 \quad 2$$

$$16 \quad 2$$

$$8 \quad 2$$

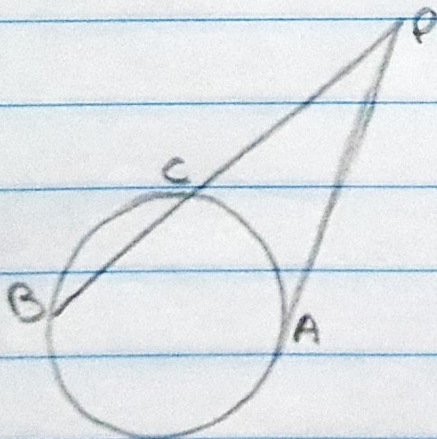
$$4 \quad 2$$

$$2 \quad 2$$

$$1$$

(E)

2-)



$$PA = 3PC$$

$$(3PC)^2 = PC \cdot PB$$

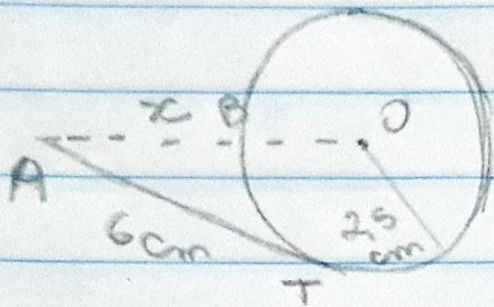
$$9PC^2 = PC \cdot PB$$

$$9PC = PB$$

(B)



3.)



$$6^2 = x \cdot (x + 2,5 + 2,5)$$

$$36 = x \cdot (5 + x)$$

$$36 = 5x + x^2$$

(E)

$$\Delta = 5^2 - 4 \cdot 36$$

$$\Delta = 25 + 144$$

$$\Delta = 169$$

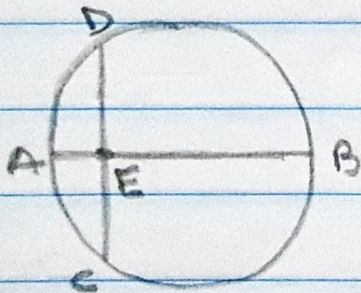
$$x = \frac{-5 \pm 13}{2}$$

2

$$\underline{\underline{x = 4}}$$

$$x = -9$$

4.)



$$\overline{AE} \cdot \overline{EB} = 3$$

$$CE = ED$$

$$CE \cdot ED = AE \cdot EB$$

$$CE^2 = 3$$

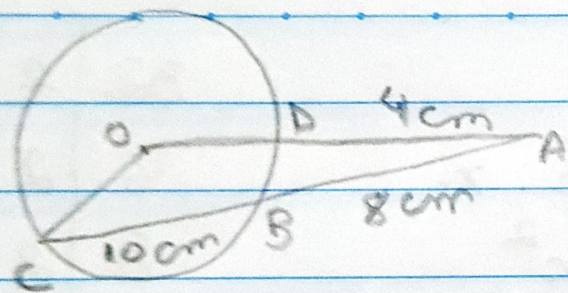
(B)

$$CE + CD = 2\sqrt{3}$$

$$\sqrt{CE} = \sqrt{3}$$



5-)



$$8 \cdot 18 = 4 \cdot (2x + 4)$$

$$144 = 8x + 16$$

$$8x = 128$$

$$x = 16$$

(E)

$$18 + 32 + 4 = 54$$