

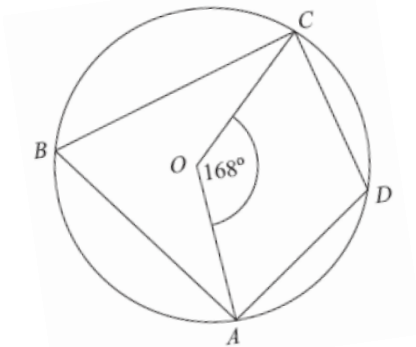
★ What is the value of n

★ $64 = 2^n$

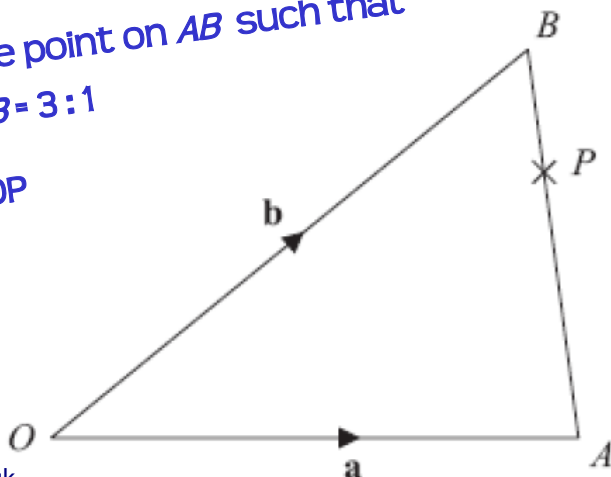
★ A car is 4m long and 1.8m wide. A model of the car is 5cm long. How wide is it?

★ Factorise $5x^3y^3 + 10x^{-3}y$

★ Find angle ADC



★ P is the point on AB such that AP:PB = 3:1
Find OP



★ Solve:

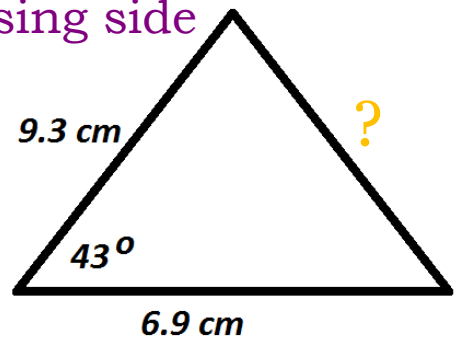
$$5x - 6y = 13$$

$$3x - 4y = 8$$

★ Calculate an estimate of the mean

| Recovery time (m minutes) | Number of people |
|---------------------------------|------------------|
| $0 < m \leq 4$ | 2 |
| $4 < m \leq 8$ | 7 |
| $8 < m \leq 12$ | 29 |
| $12 < m \leq 16$ | 26 |
| $16 < m \leq 20$ | 16 |
| $20 < m \leq 24$ | 10 |

★ Work out the size of the missing side



★ Simplify fully

$$\frac{x^2 - 8x + 15}{2x^2 - 7x - 15}$$

Simplify $\sqrt{200}$



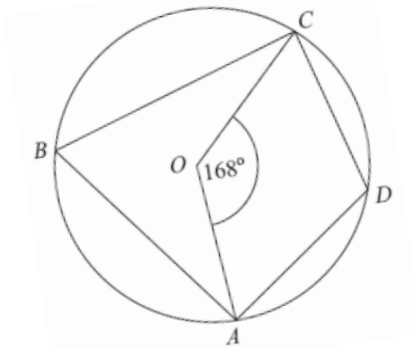
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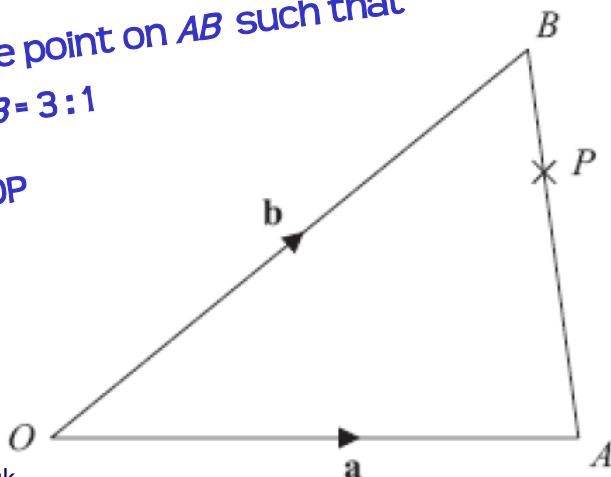
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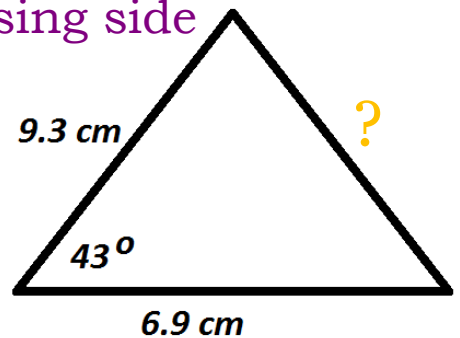
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