

★ What is the value of n

$$40 = 5 \times 2^n$$

★ A large packet of cereal has height 35cm and width 21cm. A small packet is "similar" and has a height of 25cm .. What is its width?

★ Solve $2x^2 = 6x$

★ Solve:

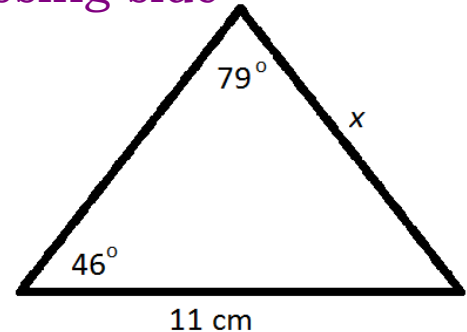
$$4x - 3y = 14$$

$$2x + 2y = -7$$

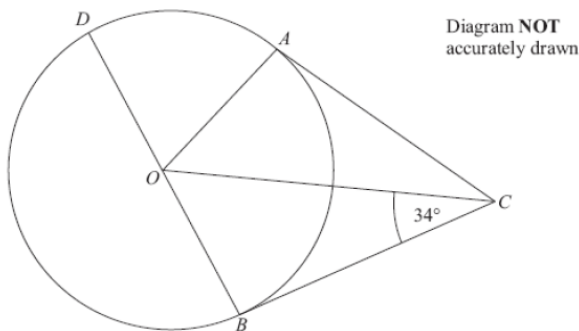
★ What is the modal class?

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



★ Find angle DOA

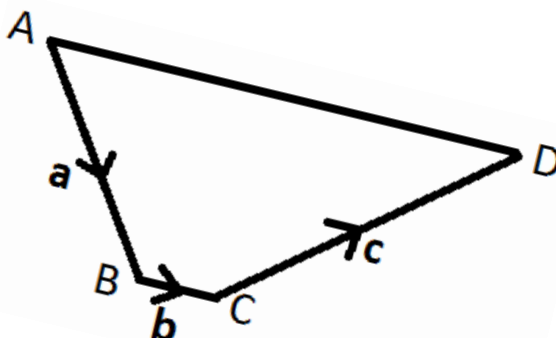


★ Simplify fully

$$\frac{2x^2 + 4x}{x^2 + 3x + 2}$$

★ Find the vectors

- i) \vec{AC}
- ii) \vec{AD}



Simplify $\sqrt{32}$



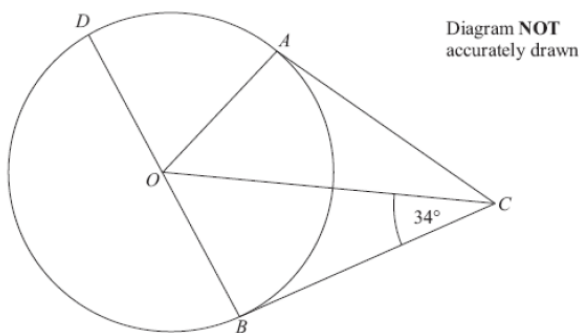
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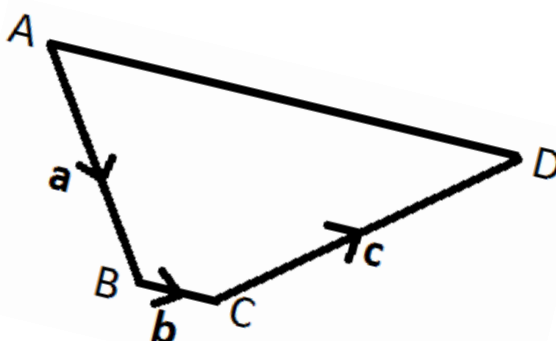
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★ Find angle DOA



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★ Solve:

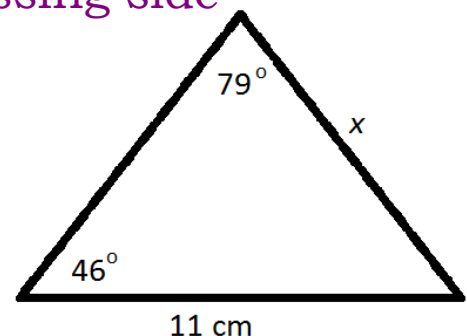
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