

What is the value of n



Solve:

$$3x + 2y = 11$$

$$2x - 5y = 1$$



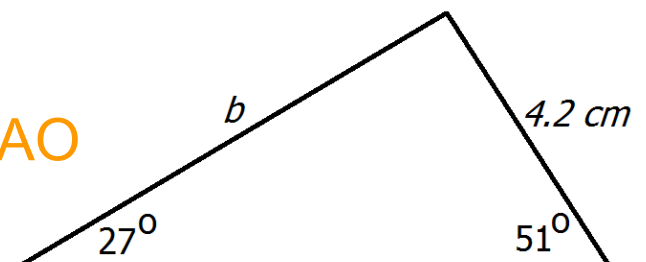
In what class does the median lie?

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

Two cylinders, which are similar have radii of 2 cm and 6 cm. The smaller cylinder is 5 cm. What is the height of the larger cylinder



Work out the size b



Simplify fully



$$\frac{x^2 - 5x}{2x}$$

Simplify



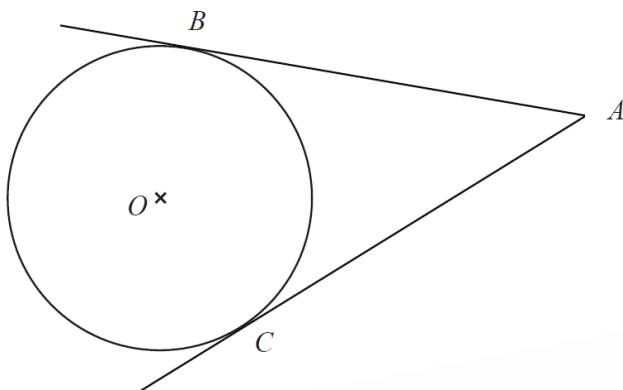
$$\sqrt{20}$$



Solve $6x^2 = 3x$



$\angle BOC = 130^\circ$ Find angle $\angle BAO$



If $PQ = \begin{pmatrix} 3 \\ 1 \end{pmatrix}$ and $QR = \begin{pmatrix} 7 \\ -6 \end{pmatrix}$

Work out PR

What is the value of n



Solve:

$$3x + 2y = 11$$

$$2x - 5y = 1$$

$$20 = 5 \times 2^n$$



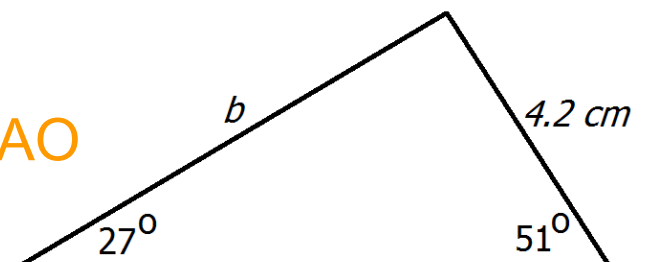
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Work out the size b



Simplify fully



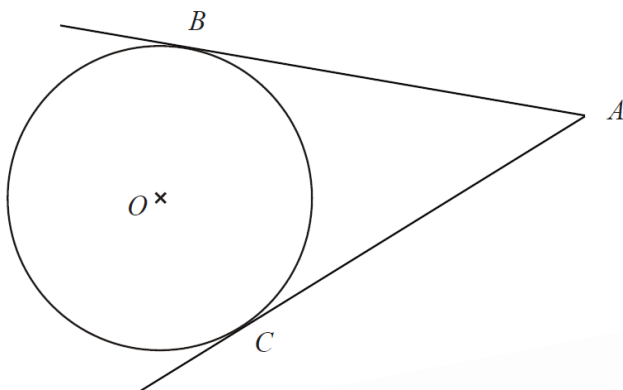
$$\frac{x^2 - 5x}{2x}$$

Simplify



$$\sqrt{20}$$

$\angle BOC = 130^\circ$ Find angle $\angle BAO$



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Work out PR