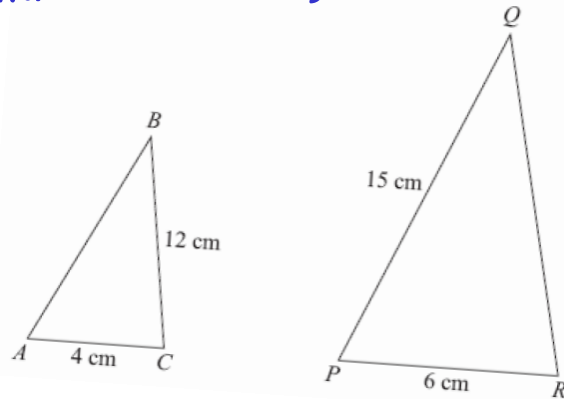


Express the following
as $a\sqrt{b}$

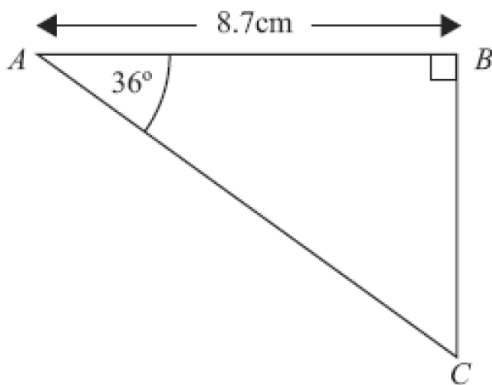
$$\frac{6}{\sqrt{2}}$$

Calculate the length QR

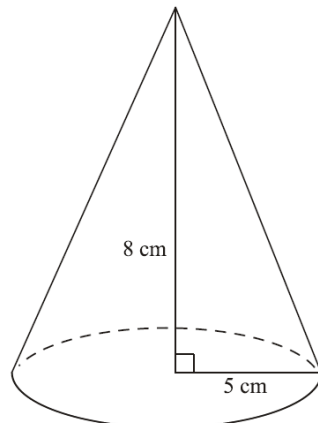


Solve $x^2 - 4x - 45 = 0$

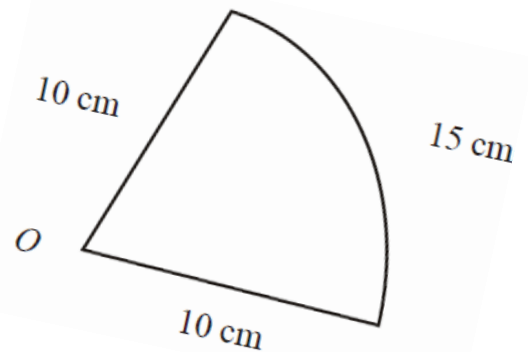
Find the length BC



Calculate the volume
of the cone



Calculate the area of the sector



Solve $2x^2 + 6x - 95 = 0$
Give your solutions
correct to 3 sig. figs.

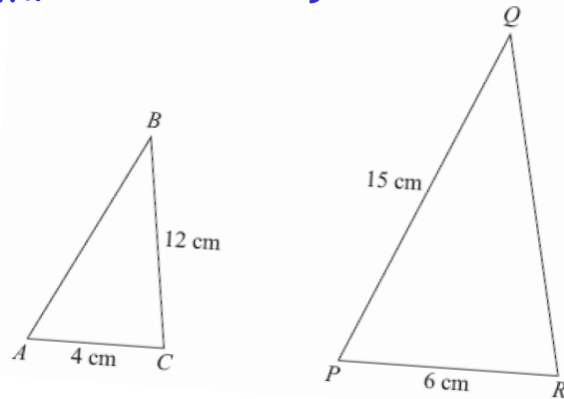
d is directly proportional
to the square of t
 $d = 80$ when $t = 4$
Calculate the value of d
when $t = 7$

Make p the subject
 $4(p - 2q) = 3p + 2$

Express the following
as $a\sqrt{b}$

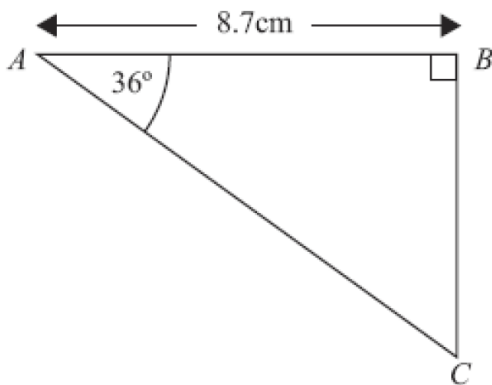
$$\frac{6}{\sqrt{2}}$$

Calculate the length QR



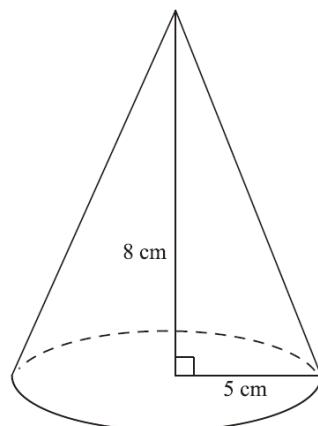
Solve $x^2 - 4x - 45 = 0$

Find the length BC



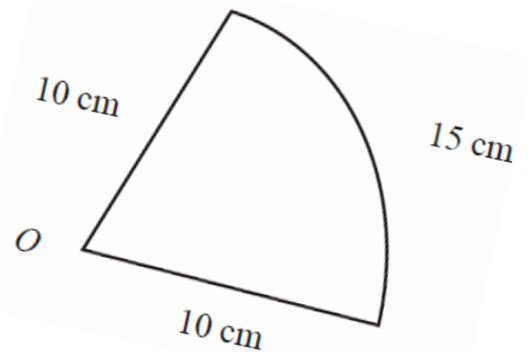
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Solve $2x^2 + 6x - 95 = 0$
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