

**National 5 Revision HW 2**

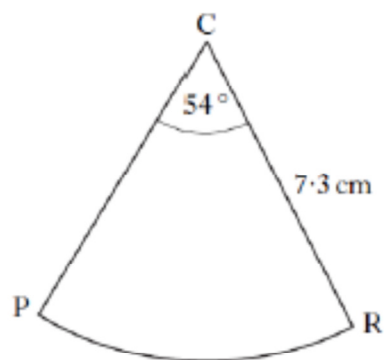
Change the subject of the formula

$$a = 3b^2 + c$$

to  $b$ .

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The diagram below shows a sector of a circle, centre C.



The radius of the circle is 7.3 centimetres and angle PCR is  $54^\circ$ .  
Calculate the area of the sector PCR.