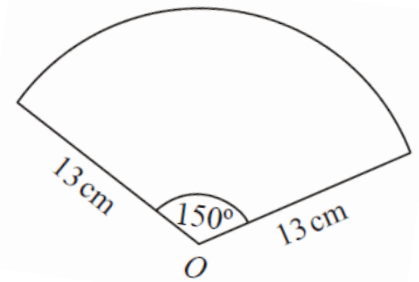


★ Rationalise the denominator

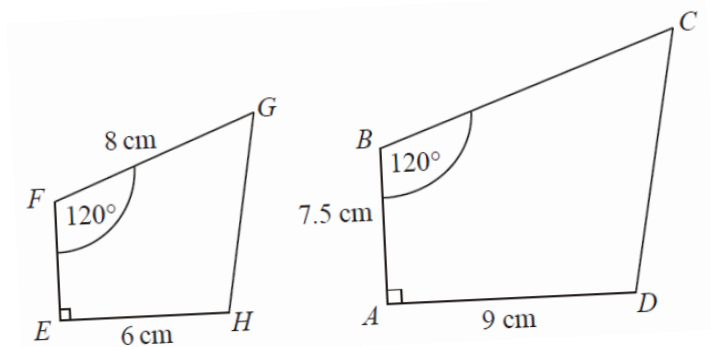
$$\frac{6}{\sqrt{2}}$$

★ Calculate the area of the sector

1.3 v2



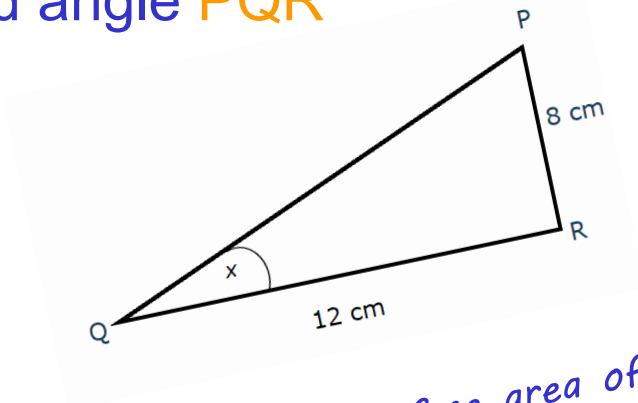
★ Calculate the length BC



★ Solve  $3x^2 + 7x - 13 = 0$   
Give your solutions correct to 2 decimal places.

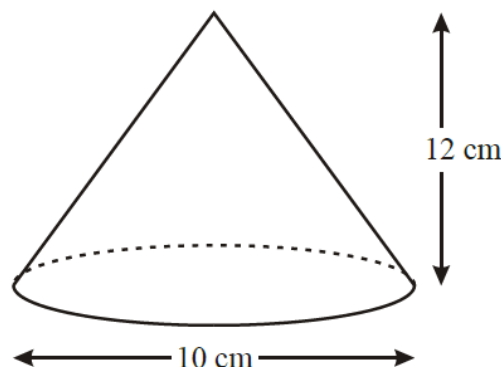
★ Factorise  $2x^2 - x - 1$

★ Find angle PQR



★ D is proportional to  $S^2$ .  
 $D = 900$  when  $S = 20$   
Calculate the value of D when  $S = 25$

★ Calculate the curved surface area of the cone



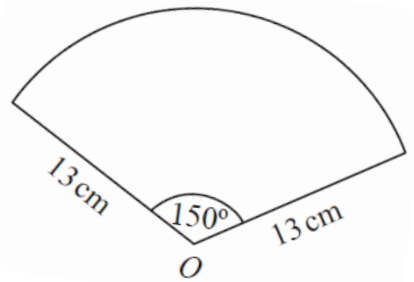
★ Make q the subject  
 $a(q - c) = d$

★ Rationalise the denominator

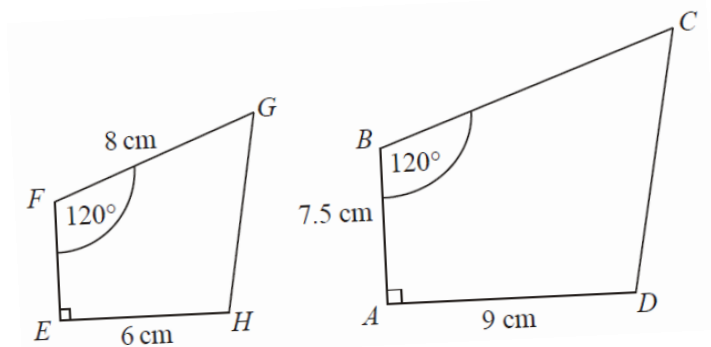
$$\frac{6}{\sqrt{2}}$$

★ Calculate the area of the sector

1.3 v2



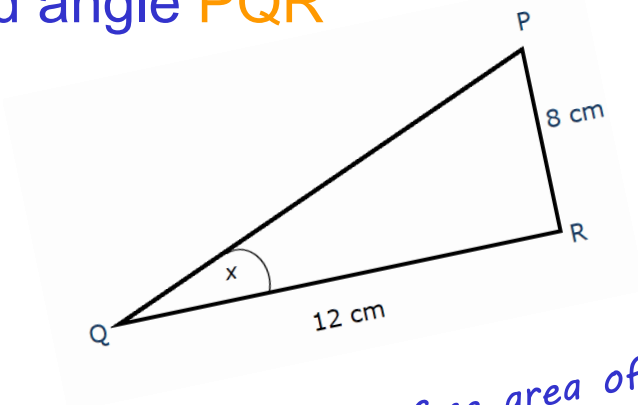
★ Calculate the length BC



★ Solve  $3x^2 + 7x - 13 = 0$   
Give your solutions correct to 2 decimal places.

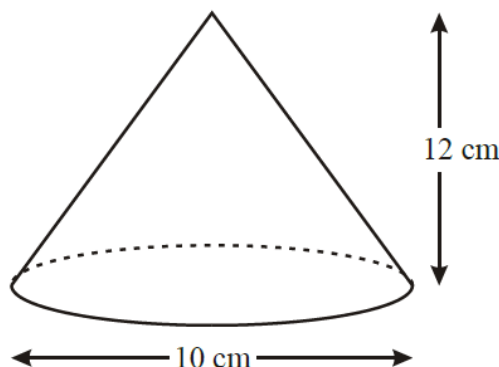
★ Factorise  $2x^2 - x - 1$

★ Find angle PQR



★ D is proportional to  $S^2$ .  
 $D = 900$  when  $S = 20$   
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★ Make q the subject  
 $a(q - c) = d$