

**31st December**

Corbettmaths

Find the largest angle in a triangle whose sides have lengths 4cm, 7cm and 8cm.

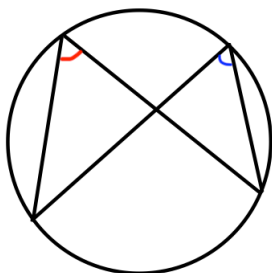
Work out

$$27^{-\frac{2}{3}}$$

Solve  $2x^2 - 5x + 3 < 0$

Point A has coordinates (4, 8)  
Point B has coordinates (10, -6)

Find the equation of the line perpendicular to AB, that passes through the midpoint of AB.



Prove the angles in the same segment are equal.