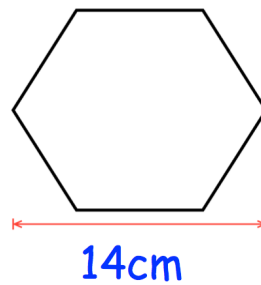




Solve

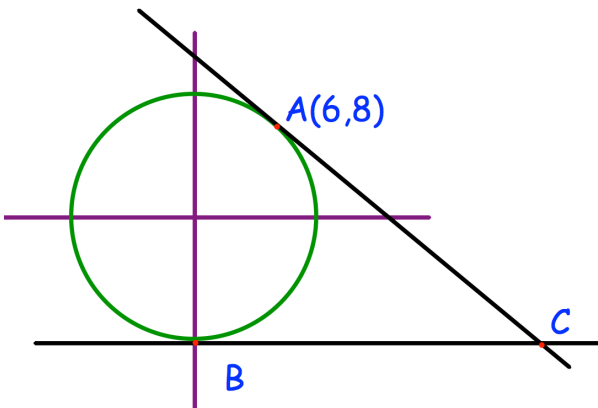
$$2x^2 + x - 6 > 0$$

Find the area of the regular hexagon.



$$f(x) = \frac{x}{2} - 1$$

$$g(x) = 4x^2 + 5$$

Find $gf(x)$ 

Explain why AC and BC have equal lengths.

Calculate the distance AB

Shown is a circle, centre O.
A and B are points on the circle.
AC and BC are tangents.