

**28th December**

Corbettmaths

Work out the size of each interior angle of a regular 24-sided polygon.

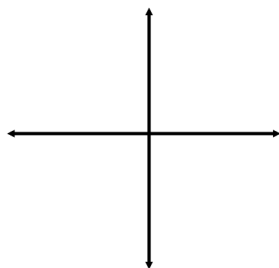
Enlarge B by scale factor 2. Label the new triangle C.

The centre of enlargement has been marked on the grid.

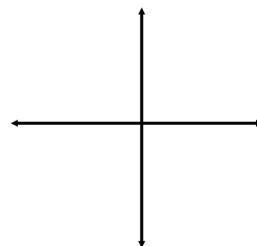
How many times larger is the area of C than B?



Write down the exact value of  $\cos 30^\circ$



Sketch  $y = x^3$



Sketch  $y = \frac{1}{x}$  where  $x \neq 0$