

22nd November

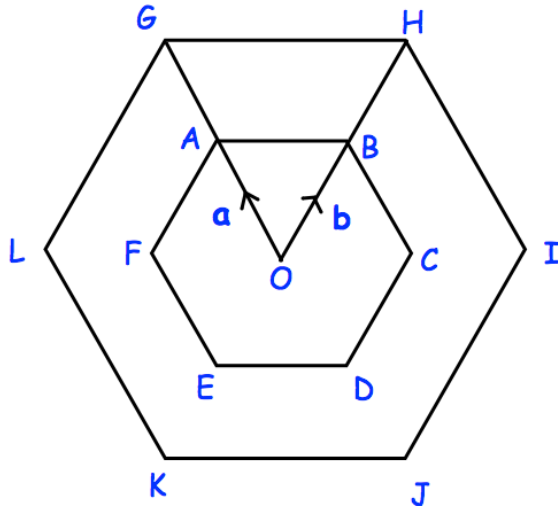


Corbettmaths

y is directly proportional to the square of x.

When $y = 32$, $x = 4$.

Find the value of y when $x = 8$.



ABCDEF and GHIJKL are regular hexagons with centre O.
GHIJKL is an enlargement of ABCDEF, with scale factor 2.

Write down a vector for \vec{AB}

Write down a vector for \vec{FC}

Factorise $9y^2 - 144$

Calculate the surface area of the cylinder.

