What are the coordinates of the new position of P when the graph $y = f(x)$ is transformed to the graph of $y = -f(x)$?

Sketch the graph of $y = \sin x$ for $0 \leq x \leq 360$.

A circle, centre $(0, 0)$ has a circumference of $16\pi$

Work out the equation of the circle.

The turning point of the graph $y = x^2 + ax + b$, where $a$ and $b$ are integers is $(5, -2)$

Find $a$ and $b$

In triangle CDE, $CD = (x + 1)\, \text{cm}$, $DE = (x + 3)\, \text{cm}$ and $CE = 5\, \text{cm}$.

Angle $CDE = 60^\circ$

Calculate $x$ to 2 decimal places.