

3rd October



Corbettmaths

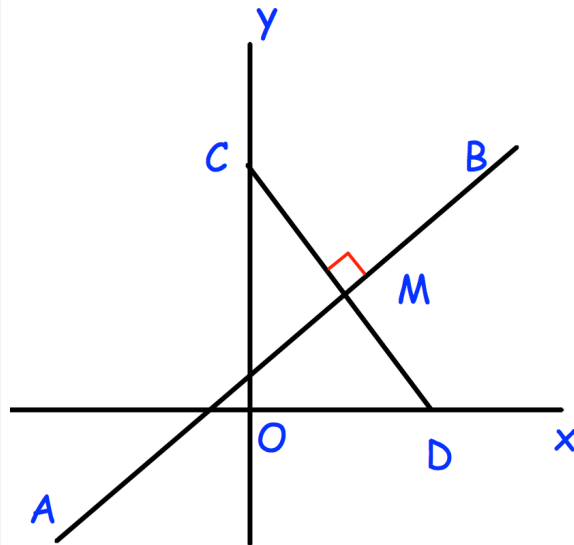
c is 40% more than w
d is 70% less than y

$$c = 4d$$

Work out $y : w$

M is the midpoint of CD
AB is perpendicular to CD and passes through M.
C is the point (0, 12) D is the point (6, 0)

Find the coordinates of the point where AB crosses the y-axis.



ABCDE and ABCDF are square based pyramids with $AB = 4\text{cm}$.
The vertex E is directly above the centre of ABCD and the vertex F is directly below the centre of ABCD.

Calculate the angle between planes BCF and BCE.

