

25th March



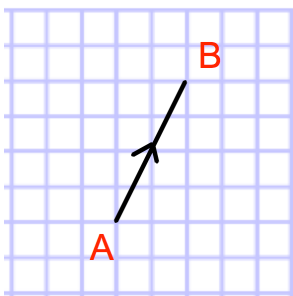
Corbettmaths

Simplify

$$(81x^8)^{-\frac{3}{4}}$$

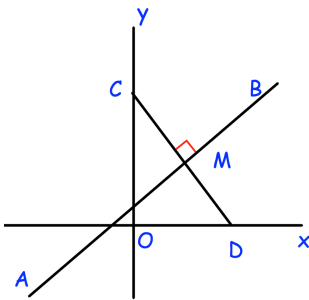
Make m the subject

$$2 = \frac{m + k}{m - t}$$



$$\vec{AB} = \begin{pmatrix} 2 \\ 4 \end{pmatrix}$$

Write down a vector that is perpendicular to AB and the same length



Find the equation of AB

Shown are the straight lines AB and CD.

M is the midpoint of CD

AB is perpendicular to CD and passes through the point M

C is the point (0, 12) and D is the point (6, 0)

B is the point (11, 10)

AM:MB = 5:2

Find the coordinates of the point A