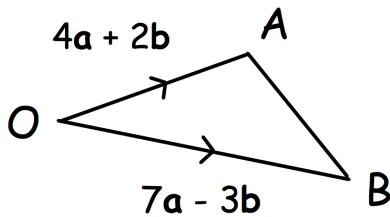




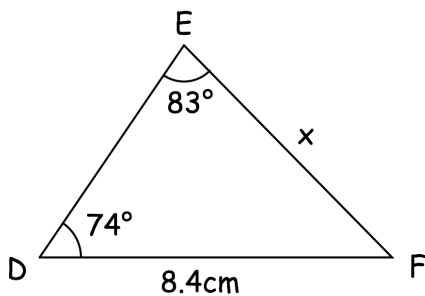
y is directly proportional to the cube root of x .

When $y = 100$, $x = 125$.

Find y when $x = 27$



Write down the vector \vec{AB} in terms of \mathbf{a} and \mathbf{b}



Calculate the length of EF

A straight line, L , is perpendicular to the line with equation $y = 5x + 3$
 L passes through the point $(7, 3)$

Find an equation for the straight line L .

Find the exact value of $\sin(45^\circ) + \cos(30^\circ)$