

Answer on Question #40430 – Math – Geometry

At what point will the graph of $4x+2y=6$ cross the y-axis?

Solution.

If the graph crosses the y-axis, then x-coordinate equals to zero. To find the point of the cross of the graph and the y-axis, one ought to solve the equation of the graph, substituting $x=0$:

$$4 \cdot 0 + 2y = 6, \quad y = \frac{6}{2} = 3.$$

So, this point is $(0; 3)$.

Answer: $(0; 3)$.