

15. Vectors **OA** and **OB** are shown in the diagram below.

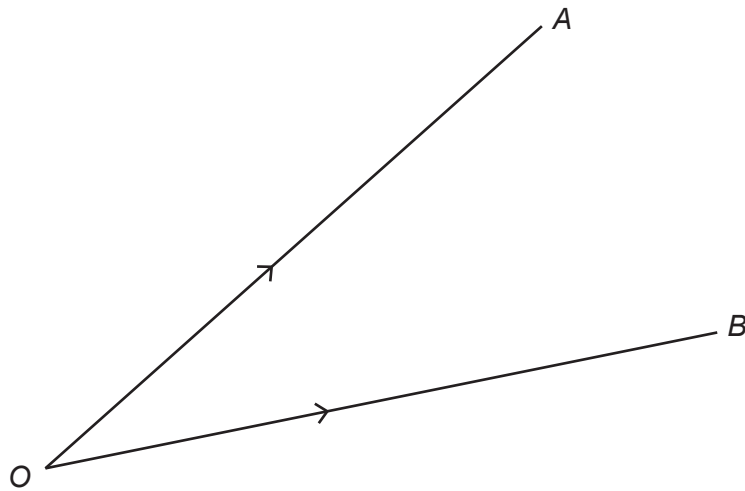


Diagram not drawn to scale

Given that **OA** = $3x + 7y$ and **OB** = $4x + 2y$, express **AB** in terms of x and y in its simplest form. [2]

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