Examiner only

16. Given that $\mathbf{OA} = 2\mathbf{x} + 8\mathbf{y}$, $\mathbf{OB} = 4\mathbf{x} + 7\mathbf{y}$ and $\mathbf{CD} = 4\mathbf{x} - 2\mathbf{y}$, explain the geometrical relationships between the straight lines AB and CD.

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