

Higher Maths
SQA 2015 Paper 1
Question 1

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Maths.scot



Vectors $\mathbf{u} = 8\mathbf{i} + 2\mathbf{j} - \mathbf{k}$ and $\mathbf{v} = -3\mathbf{i} + t\mathbf{j} - 6\mathbf{k}$ are perpendicular.

Determine the value of t .

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Answer:

$$t = 9$$