WEEKS 27-30

# Exam revision

Examination and revision resources | iCMA 44

## Questions

1 2 3 4 5 6 7 8 9 10 11 12 13

Finish attempt ...

## Question 5 Not yet answered

Marked out of 1.00 | Flag question

If $\mathbf{A} = \begin{pmatrix} 6 & -8 \\ 7 & -9 \end{pmatrix}$, find a diagonal matrix $\mathbf{D}$ such that $\mathbf{A} = \mathbf{PDP}^{-1}$, where $\mathbf{P}$ is an invertible matrix.

The matrix $\mathbf{D} = \begin{pmatrix} a & 0 \\ 0 & d \end{pmatrix}$, where:

$a =$ [ ] and

$d =$ [ ].

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