Inverting a 3 x 3 Matrix

Example



Using your Calculator



Further Example

$A=\left(\begin{matrix}-2&3&-3\\0&1&0\\1&-1&2\end{matrix}\right)$,

and the matrix $B$ is such that $\left(AB\right)^{-1}=\left(\begin{matrix}8&-17&9\\-5&10&-6\\-3&5&-4\end{matrix}\right)$.

(a) Show that $A^{-1}=A$.

(b) Find $B^{-1}$.

Test Your Understanding



Ex 6E Pg 115