#### The Determinant and the Inverse

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Recall that a matrix,  $A \in \mathbb{R}^{n \times n}$  is invertible if and only if  $\det(A) \neq 0$ . But what about  $\det(A^{-1})$ ? We claim that  $\det(A^{-1}) = \frac{1}{\det(A)}$ .

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### Last Content on Exam 1

The previous two slides are the last content that is fair game for the first exam