

Name: _____

Math 2250, Fall 2015, Quiz 5

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1. Write 3×3 elementary matrices which correspond to the following row operations

(a) $R_1 \leftrightarrow R_2$

(b) $R_2 - 3R_1 \rightarrow R_2$

(c) $2R_2 \rightarrow R_2$

2. Compute the inverse of

$$\begin{bmatrix} 1 & 2 & 3 \\ 1 & 1 & 0 \\ 1 & 0 & 0 \end{bmatrix}$$