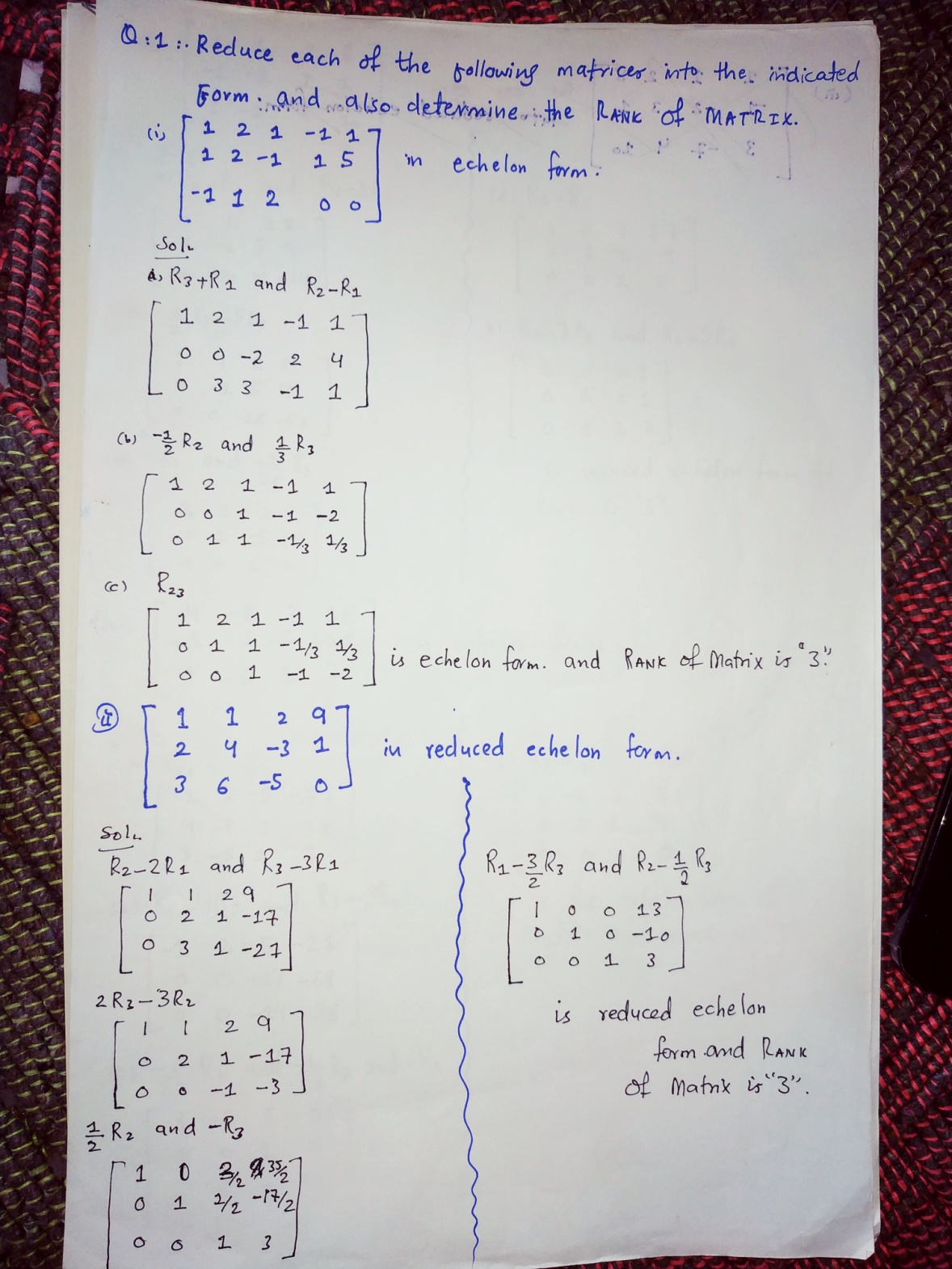
Assignment No 2 Linear Algebra and Analytical Geometry 19SW I / II

Q1. Reduce each of the following matrices into the indicated form Also determine the Rank of the matrix:

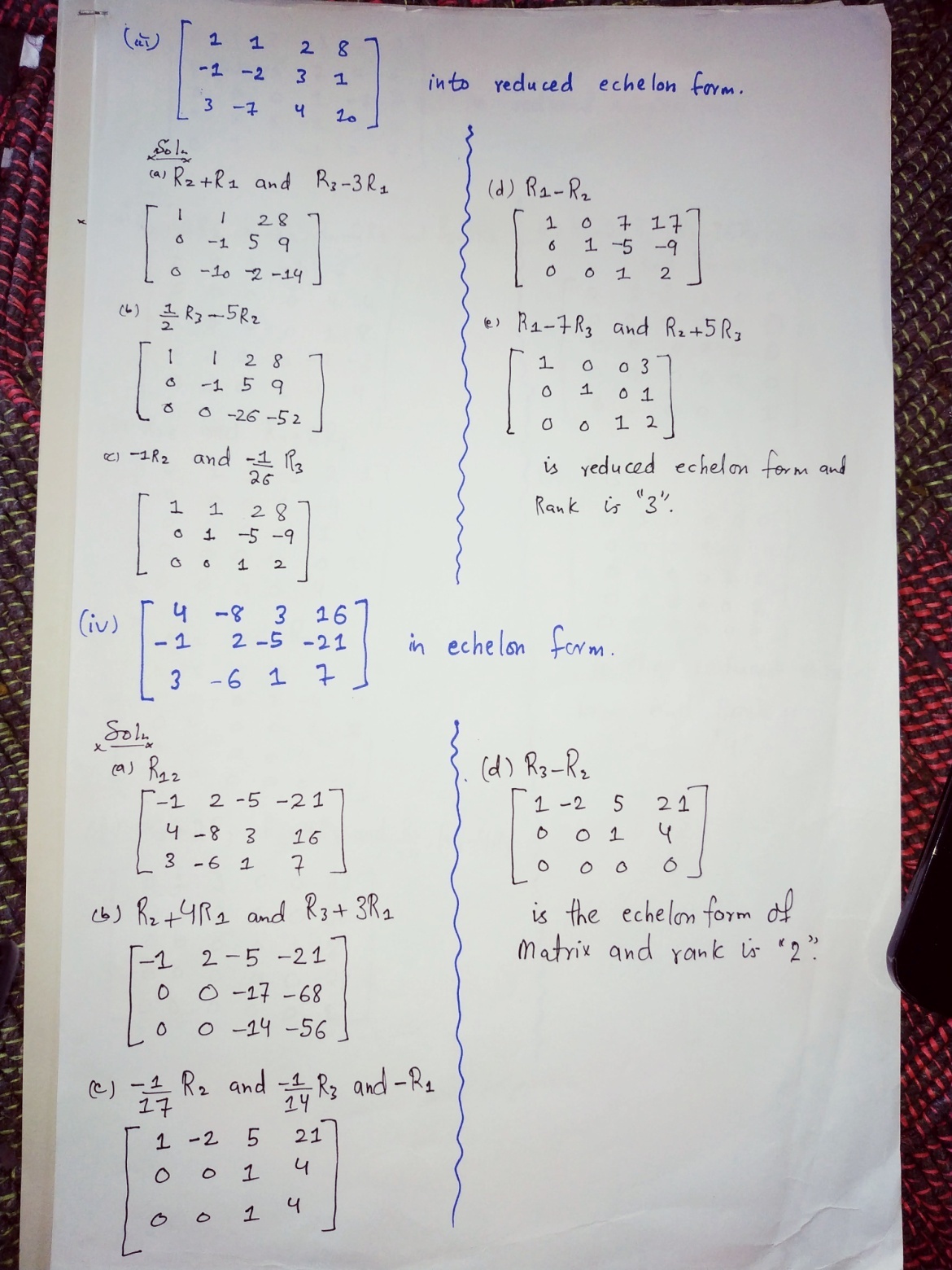
echelon form reduced echelon form

**Solution to Qno i & ii:**

****

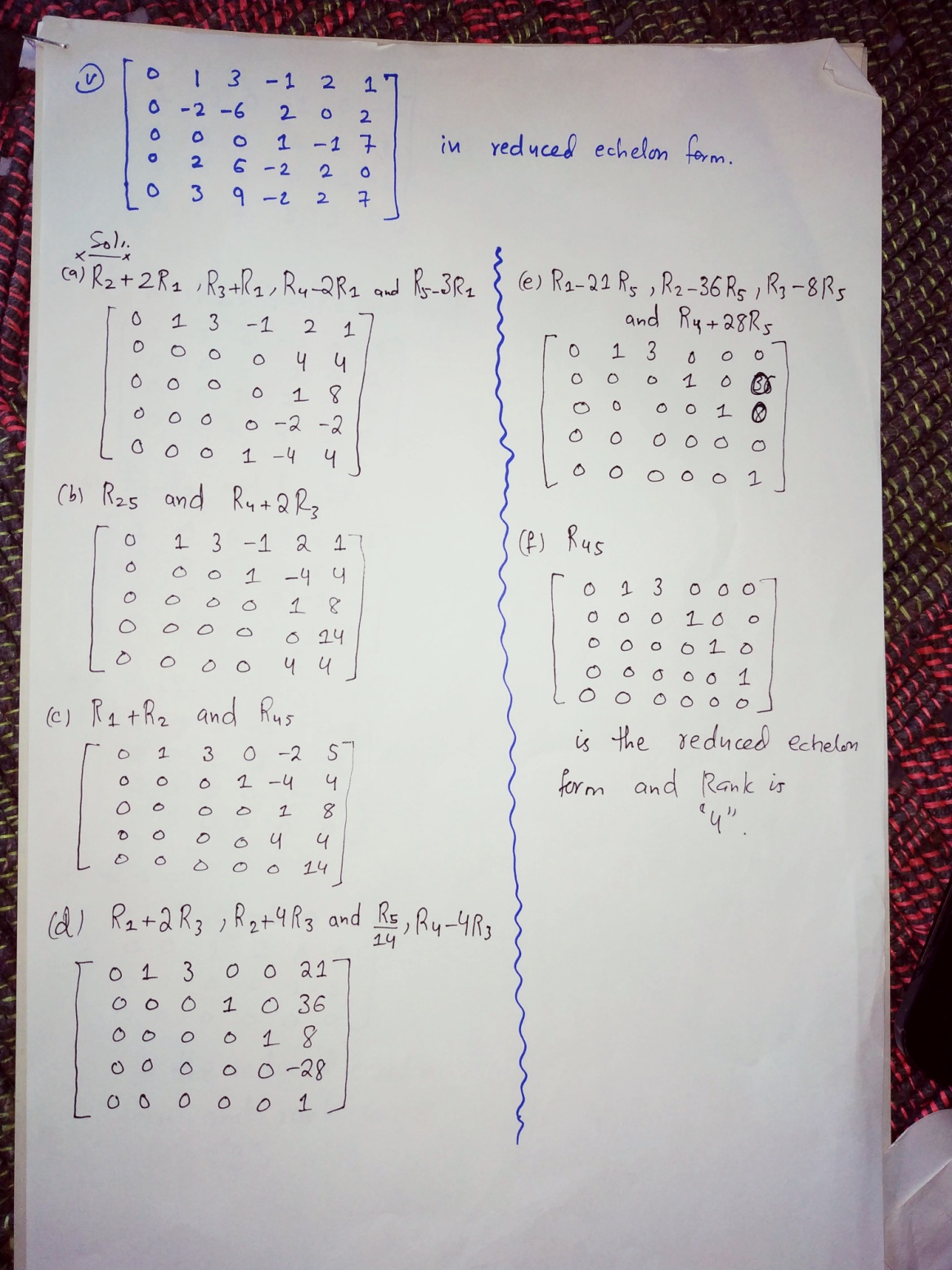
reduced echelon form echelon form

**Solution to Qno iii & iv:**

****

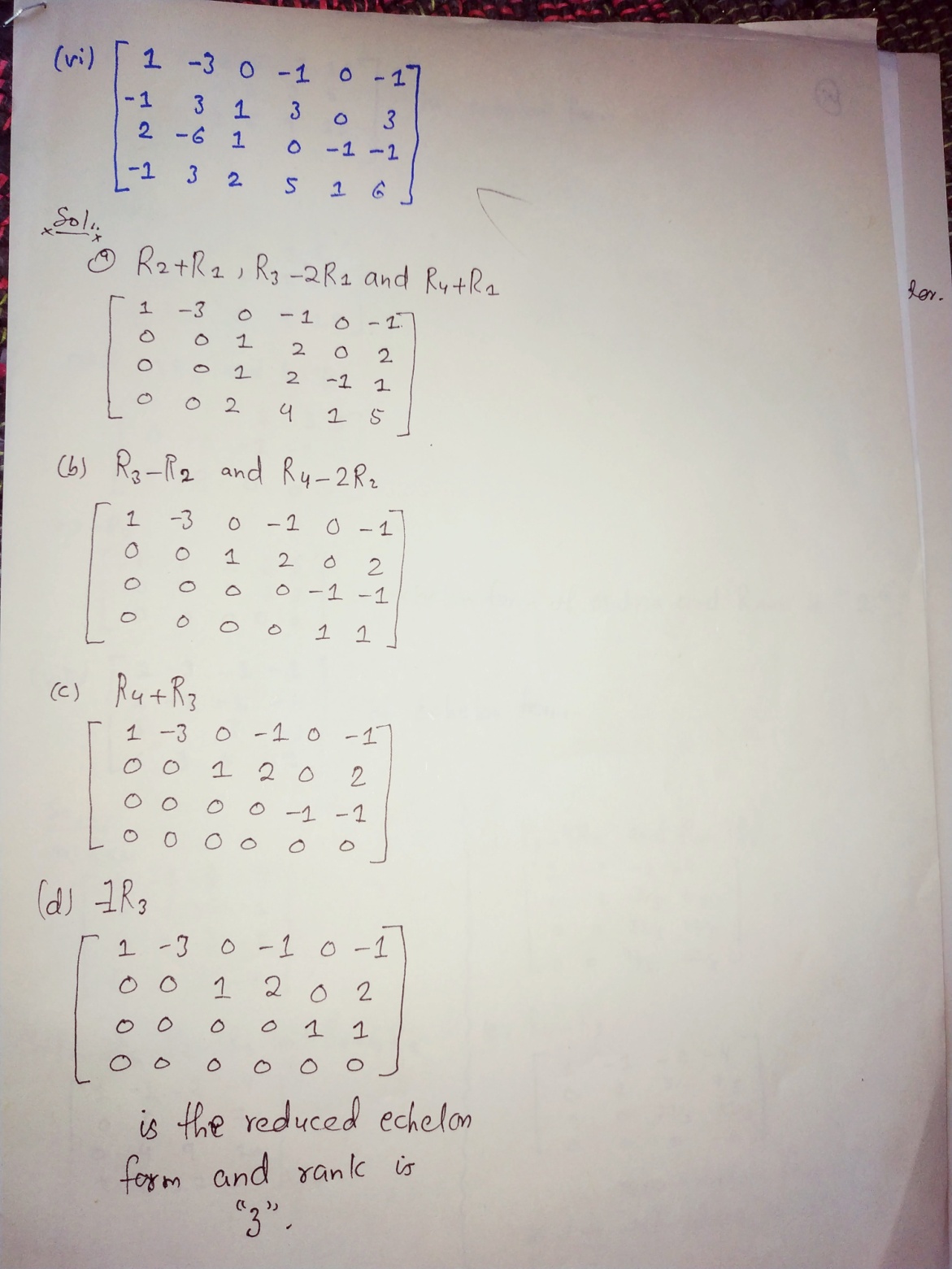
reduced echelon form

**Solution to Qno v:**

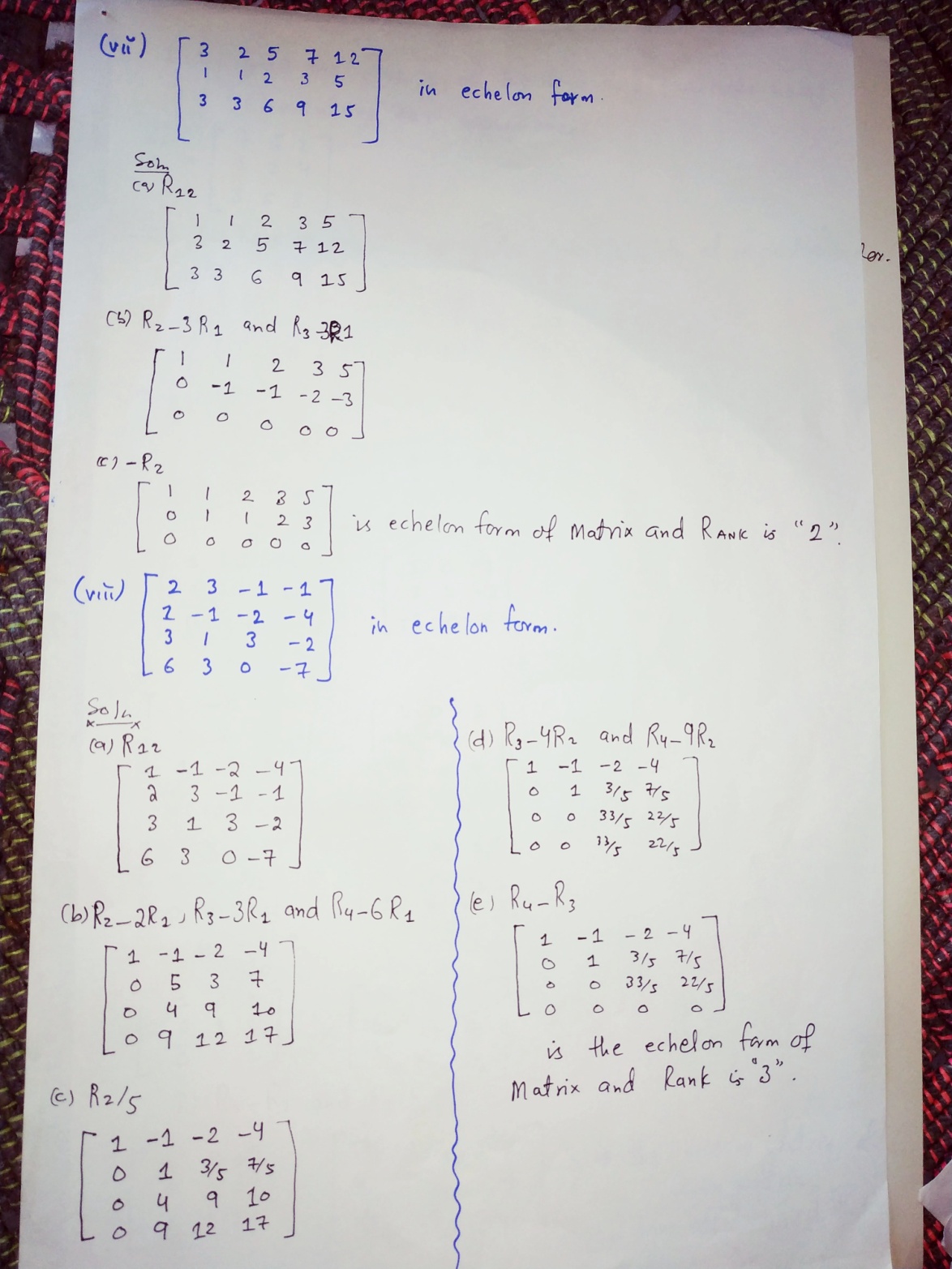
****

reduced echelon form

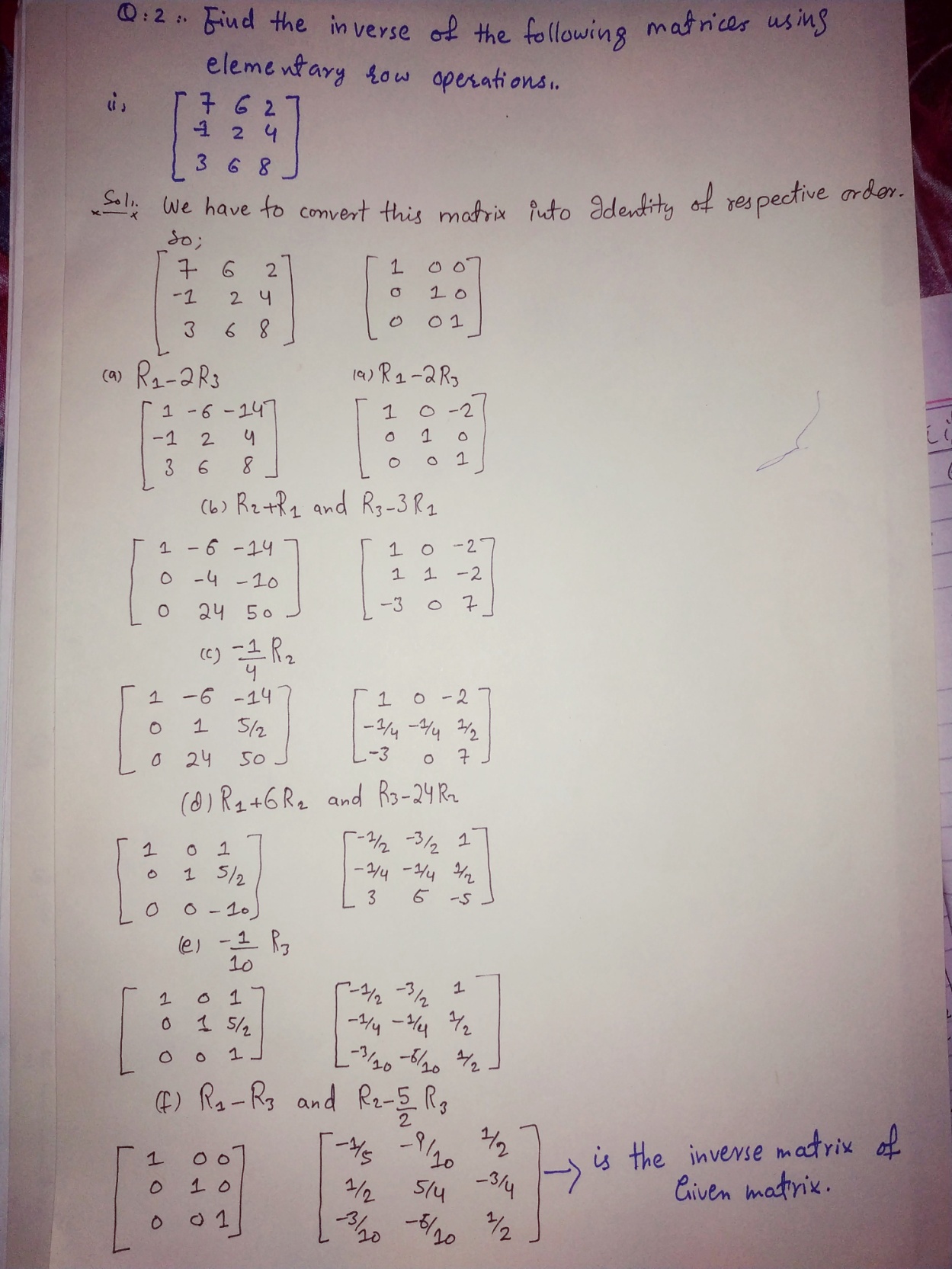
**Solution to Qno vi:**

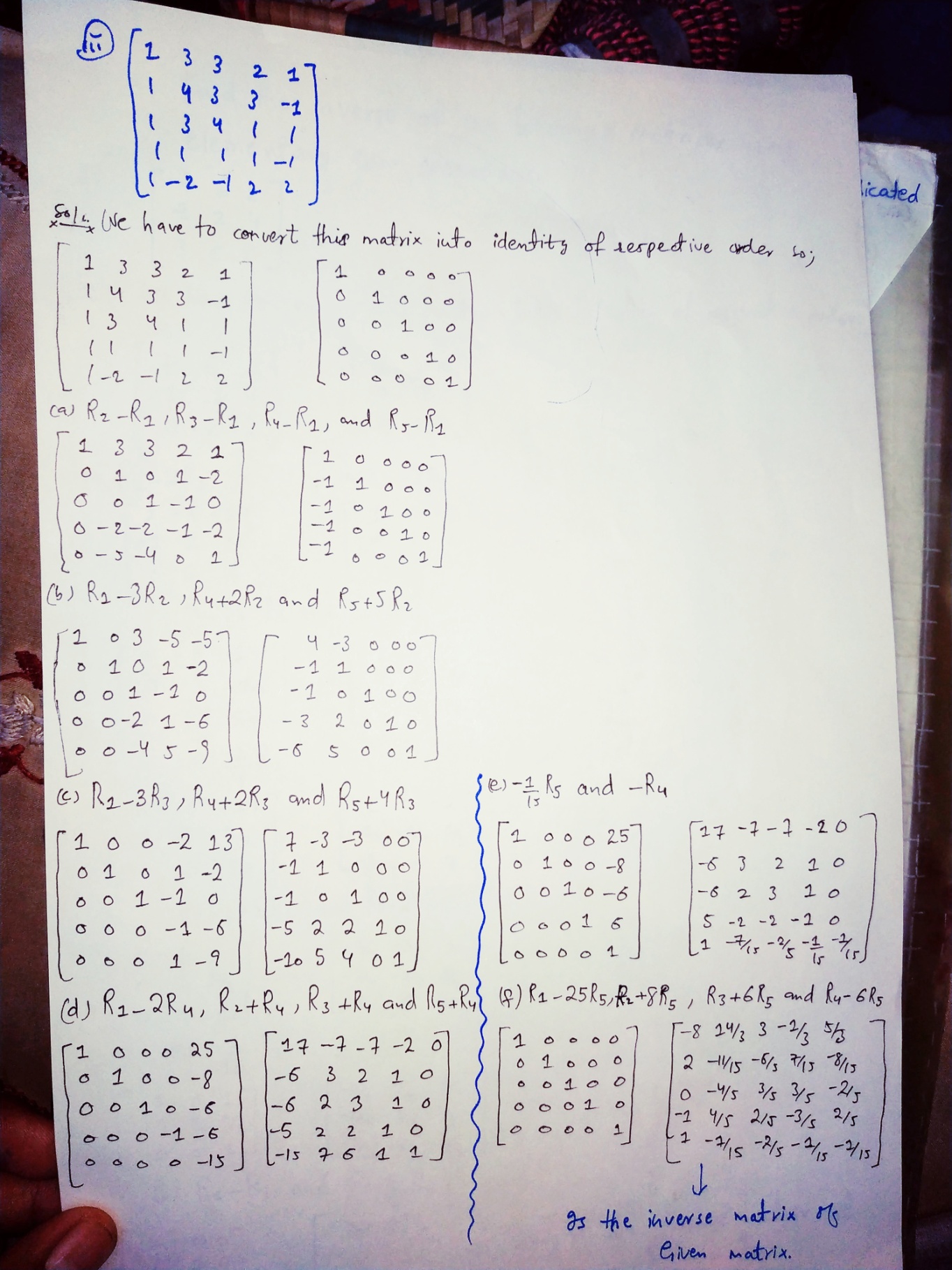


**Solution to Qno vii & viii:**

****

Q2. Find the inverse of the following matrices using elementary row operations:





**THE END**