(a.) 1 X + 9 + 2 = 48 -X + 27 =-24 - 6y + 42 = 12 ax our pivot is I. We wont to zero out -x. To do this we simply add Ist Row to second row.

$$1 \times + 1y + 1z = 48$$

+ $- \times + 2y + 2z = 34$

+34 +32 =24 This gets us y 72 = 48 -69 + 42 = 12Our goal now is to zero out ax our pivot is still 1 We Want to multiply the first row by -2 and then add row 3: row I multiplied by-2