

Extra answers (not included in textbook or solutions manual) for Chapter 2.2

**3. a)**  $-5$  (one row of  $I$  multiplied by  $-5$ )

**b)**  $-1$  (two rows of  $I$  were switched)

**c)**  $1$  (a multiple of one row of  $I$  was added to another)

Note: There's a mistake in the solutions in the back of the textbook (9th edition). The answer to **18** is labelled **16**, and the answer to **19** is labelled **18**.

To clarify, the correct answers are: **18. a)**  $-1$  **b)**  $1$   
and **19.  $x = 0, -1, \frac{1}{2}$ .**