Row Echelon Form … Set 1

Multivariable Linear Systems

Row-Echelon Form: Solve the system of equations and write your answer as an ordered triple

1) $x - 2y + 3z = 9$
$y + 4z = 7$
$z = 2$

2) $2x - y + 5z = 22$
$y + 3z = 6$
$z = 3$

3) $2x - y + 5z = 16$
$y + 2z = 2$
$z = 2$

4) $4x - 3y - 2z = 21$
$6y - 5z = -8$
$z = -2$

5) $2x + y - 3z = 10$
$y + z = 12$
$z = 2$

6) $x - y + 2z = 22$
$3y - 8z = -9$
$z = -3$

7) $4x - 2y + z = 8$
$-y + z = 4$
$z = 11$

8) $5x - 8z = 22$
$3y - 5z = 10$
$z = -4$

9) $x - 4y + 3z = 3$
$-y + z = -1$
$z = -5$

10) $x - 7y + 8z = -14$
$y - 9z = 26$
$z = -3$