EXTRA PRACTICE — Exercises

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Unit IV – First Degree Relations with Three or More Placeholders Part A – Solution Sets Lesson 2 – Two Open Sentences

Solve each of the following systems expressing the solution set as indicated.

1 2x - 3y + z = 19. Express the solution as an ordered triple in terms of z. x + 4y - 5z = 18

2. 3x + 2y - 5z = 0 x + y - 2z = 1Express the solution as an ordered triple in terms of y.

3. 2x - y + 4z = 7x - 3y + z = 2Express the solution as an ordered triple in terms of x.

4. 2x - y + z = 5x + 3y - 2z = 3 Express the solution as an ordered triple in terms of z.

EXTRA PRACTICE — Answer Key

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Unit IV – First Degree Relations with Three or More Placeholders Part A – Solution Sets Lesson 2 – Two Open Sentences

Solve each of the following systems expressing the solution set as indicated.

- 1 . S = {(z+2, z-5, z)}
- 2. $S = \{(y+5, y, y+3)\}$

3. S = {
$$(x, \frac{15+2x}{11}, \frac{23-5x}{11})$$
}

4. S = {
$$(\frac{18 - z}{7}, \frac{5z + 1}{7}, z)$$
}