Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_

Mr. Schlansky Algebra II

***Solving Linear Systems in Three Variables Multiple Choice***

1. Which value is contained in the solution of the system shown below?



1. 0 3) 2
2. -1 4) -3

 2. Which value is *not* contained in the solution of the system shown below?



|  |  |
| --- | --- |
| 1) |  |
| 2) | 2 |
| 3) | 3 |
| 4) |  |

3. Which value is contained in the solution of the system shown below?



1. -3 3) -5
2. -4 4) -9

4. Which value is *not* contained in the solution of the system shown below?



1. -8 3) 10
2. -12 4) 15

5. What is the solution of the system shown below?



1.  3) 
2.  4) 

6. Solve the following system of equations algebraically for all values of *x*, *y*, and *z*:



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