

Assignment

Date _____ Period _____

Solve each system by elimination.

1) $2x - 9y = -27$
 $-10x + 6y = 18$

 $(0, 3)$

2) $9x + 9y = -9$
 $2x - 18y = 18$

 $(0, -1)$

3) $7x - 5y = 3$
 $6x + 8y = -22$

 $(-1, -2)$

4) $-2x - 5y = 10$
 $7x + 8y = 3$

 $(5, -4)$

5) $3r + s + t = -2$
 $-3r - 4s - t = 11$
 $4s + t = -11$

 $(0, -3, 1)$

6) $6x + 6y - 6z = 30$
 $2x + y + 2z = -8$
 $2x + y - 2z = 12$

 $(2, -2, -5)$

7) $-2r - 2s - 6t = -22$
 $5r - 5s + 4t = 12$
 $4r - 3s - 5t = -14$

 $(1, 1, 3)$

8) $-2r + 6s - 6t = -24$
 $5r + 4s - 3t = 6$
 $-r + s + 5t = 12$

 $(3, 0, 3)$