### 1. Solve the system of equations:

$$6x-4x-10y-14=-4x-134$$

### 2. Solve the system of equations:

$$7x+x-x+10y-7z-8=x-x+33$$

#### 3. Solve the system of equations:

$$-7x-2y+4y+8=-7x+4y+20$$

### 4. Solve the system of equations:

$$10x-6x-5x+5x+6y-10=-6x-5x+5x+6$$

$$-8x+2y-8y-8=-8x-8y+4$$

- 1. x=-5, y=9
- 2. x=-9, y=9, z=-2
- 3. x=6, y=-6
- 4. x=5, y=9, z=-5
- 5. x=-2, y=6

6. Solve the system of equations:

$$16x+10x-5x-6y+14=10x-5x+78$$

$$10x-2x+8x-4y=-2x+8x+40$$

7. Solve the system of equations:

$$-60x-54y-6z-30z+48=-30z+150$$

8. Solve the system of equations:

$$8x+8y-6y-12=-6y-92$$

$$-6x-7x+36y-2y+6=-7x-2y-270$$

9. Solve the system of equations:

$$-10x+3x-2x+18y+7y+12=3x-2x+7y+32$$

- 6. x=4, y=0
- 7. x=-7, y=7, z=-10
- 8. x=-2, y=-8
- 9. x=-5, y=-6
- 10. x=7, y=5

#### 11. Solve the system of equations:

#### 12. Solve the system of equations:

#### 13. Solve the system of equations:

## 14. Solve the system of equations:

- 11. x=3, y=10, z=1
- 12. x=-7, y=8, z=-1
- 13. x=1, y=-5, z=-1
- 14. x=9, y=-7
- 15. x=0, y=6, z=-9

#### 16. Solve the system of equations:

### 17. Solve the system of equations:

$$-3x+6y+3z+21=3z+39$$

$$-5x-4y+6z-7z-8=-7z-30$$

$$x+8x+3y-y+z+6=8x-y+6$$

### 18. Solve the system of equations:

$$6x-2y-18y+6z+10=-18y+68$$

### 19. Solve the system of equations:

$$-40x+24y+32z-4z-4=-40x-4z-52$$

$$30x-18y+3y+2y-9z+9=3y+2y-180$$

$$-4x+8y+10z-6z+4=-6z+18$$

$$-81x+27x+81x-72y+81z=27x+81x-738$$

## 21. Solve the system of equations:

### 22. Solve the system of equations:

$$-72x-9x-45y+54z+54=-9x+207$$

### 23. Solve the system of equations:

$$56x = -280$$

$$-54x+6y+60=300$$

### 24. Solve the system of equations:

$$-36x-81y-45=18$$

$$4x+7x-24y+12=4x+7x-180$$

- 21. x=-1, y=-9
- 22. x=-5, y=-5, z=-8
- 23. x=-5, y=-5
- 24. x=5, y=-3
- 25. x=7, y=8

### 26. Solve the system of equations:

$$-7x-10y-7y+4=-7x-7y-86$$

$$-6x-6y-4y+8y+5=-4y+8y-13$$

### 27. Solve the system of equations:

$$-18x-15x+12y+48z+4z-60=-15x+4z+684$$

$$-3x-8x-10y+7z+5z+1=-8x+5z+31$$

$$6x+2x-2x-y+5y+3z+5z-5=2x-2x+5y+5z-42$$

#### 28. Solve the system of equations:

$$-20x-32y-32y+28=-32y+56$$

### 29. Solve the system of equations:

$$-3x-7x-8x-4y-9y-9y+3=-7x-8x-9y-9y+4$$

$$-18x+16x+2x+6y+3y-6z-8=16x+2x+3y-188$$

### 31. Solve the system of equations:

$$-10x-x+2y+10y+4z-2=-x+10y+108$$

#### 32. Solve the system of equations:

$$10x+2y-8y+2y-4y+8=-8y+2y-4y+68$$

## 33. Solve the system of equations:

$$18x+2x-10y-2z-10=2x-34$$

$$-30x+18x+15x-48y-30z+21z+24=18x+15x+21z-420$$

$$30x-10x-3y+8y+18z+27=-10x+8y+75$$

### 34. Solve the system of equations:

$$-24x-60x-9x-42y-48=-60x-9x-348$$

### 36. Solve the system of equations:

$$9x+x+18y-3z+3=x-189$$

$$-54x+54y-54z=270$$

$$-6x-5x-24y+18y+24z+21=-5x+18y+81$$

### 37. Solve the system of equations:

$$30x+21x+6y+3y-3z+27=21x+3y+240$$

$$-10x+10y-10y+5y+8z+12=-10y+5y+28$$

$$x-7x+2z+10z=-7x+10z-1$$

#### 38. Solve the system of equations:

$$-10x-4x-10y+8y+3z+9z-1=-4x+8y+9z-26$$

## 39. Solve the system of equations:

$$6x+2x-x+7y=2x-x+68$$

$$-4x+20x-14y-10y+16z+16z+14=20x-10y+16z+34$$

$$-7x-4x-3y-5y-5z-5z+6=-4x-5y-5z-22$$

### 41. Solve the system of equations:

$$-12x+6y-18=0$$

### 42. Solve the system of equations:

$$-3x-9z+7=-32$$

$$-6x+8x-4x-4x-7x-2y-2z+5=8x-4x-4x-7x-2y-9$$

#### 43. Solve the system of equations:

### 44. Solve the system of equations:

$$7x+x+y+3y-5=x+3y+40$$

$$-12x-3x+9x-15y-8y+15=-3x+9x-8y-81$$

- 41. x=-2, y=-1
- 42. x=1, y=6, z=4
- 43. x=3, y=7, z=0
- 44. x=6, y=3
- 45. x=3, y=4

### 46. Solve the system of equations:

$$-14x-2y+20y=20y+52$$

### 47. Solve the system of equations:

$$54x-7x-18y+42=-7x+456$$

$$-4x-8x-4y-14=-8x-2$$

### 48. Solve the system of equations:

## 49. Solve the system of equations:

$$-27x-27x-21y+21y+21=-27x+21y+153$$

$$-16x+6x-20y+6y+14z+20z=6x+6y+20z+58$$

$$-x+8x-5y-2z-1=8x-5y-2z-2$$

#### 51. Solve the system of equations:

$$9x+y-6z-3z+8=-3z+98$$

### 52. Solve the system of equations:

#### 53. Solve the system of equations:

### 54. Solve the system of equations:

$$6x-12x+x+21y+12=-12x+x-27$$

$$-4x-16y+8z+14=-54$$

$$-18x+x-14z+18=x+84$$

#### 56. Solve the system of equations:

$$2x+x+10x+10y-7y-2z+1=x+10x-7y-67$$

$$-30x-6y+18y-8y+27z-30z-12=18y-8y-30z-24$$

### 57. Solve the system of equations:

$$-4x-8x+8y+2z+16=-8x-32$$

$$3x-18y+30y-15z+18=30y+6$$

#### 58. Solve the system of equations:

$$8x+6x+6y-8z-6z-2=6x-6z+46$$

## 59. Solve the system of equations:

$$6x-3y+2z+5z+1=5z-63$$

$$30x-8x+30y-9=-8x-99$$

### 61. Solve the system of equations:

### 62. Solve the system of equations:

#### 63. Solve the system of equations:

$$-12x+6x-2y+4z+9z+6=6x+9z+70$$

$$-9x+7x+9x+2y+9y+9z+8=7x+9x+9y+57$$

## 64. Solve the system of equations:

- 61. x=3, y=-4, z=-8
- 62. x=5, y=-6, z=9
- 63. x=-6, y=2, z=-1
- 64. x=-5, y=-4, z=0
- 65. x=-4, y=-4

### 66. Solve the system of equations:

$$-54x-6x-72y+90=-6x+72$$

### 67. Solve the system of equations:

#### 68. Solve the system of equations:

$$3x-7x-21y-21y+4y+15=-7x-21y+4y+246$$

$$7x+7y-y-z+9=-y-17$$

### 69. Solve the system of equations:

$$-3x+12y-27=12y-33$$

$$-8x-7x-5y-5z-6z+9=-7x-6z+37$$

### 71. Solve the system of equations:

## 72. Solve the system of equations:

$$-18x+15y+6y-30z-18=6y+372$$

### 73. Solve the system of equations:

### 74. Solve the system of equations:

$$6x+3y+9z-12=0$$

$$3x+8x-4x+8y-10z-5=8x-4x-28$$

$$-36x-60y-54z+24=-48$$

### 76. Solve the system of equations:

### 77. Solve the system of equations:

$$-18x+30y+7z-15=7z+207$$

$$6x+6x+8x-3y+30z-15=6x+8x-33$$

#### 78. Solve the system of equations:

$$9x+6x-12y+2y-21=6x+2y-84$$

### 79. Solve the system of equations:

$$-6x-21y+27=9$$

$$10x-9y+3y+2=3y+32$$

$$-12x-60y=240$$

## 81. Solve the system of equations:

### 82. Solve the system of equations:

### 83. Solve the system of equations:

### 84. Solve the system of equations:

#### 86. Solve the system of equations:

$$-12x+14y+4y+12=4y+132$$

$$-60x+12x-42y+30y+30=12x+30y-42$$

87. Solve the system of equations:

$$8x+20y+3y+2z+7z+12=3y+7z+100$$

$$-9x+6y+3y-8y+15z-27=3y-8y+45$$

88. Solve the system of equations:

$$10x-9x+2y-5z-5z-7=-9x-5z-43$$

$$-45x+54x+54y-90z+9=54x-1233$$

89. Solve the system of equations:

$$5x+x+3x-2y+9y-6=x+3x+9y-8$$

$$4x+2x-10y-5y+5y=2x-5y+5y+32$$

$$-30x+3x+12y-3z-18=3x+117$$

### 91. Solve the system of equations:

$$36x+9x+2x+6y+18=9x+2x-96$$

$$-10x-2x-18x-6y-14=-2x-18x-4$$

### 92. Solve the system of equations:

$$-4x-5y+y-8z-3=y+15$$

$$-16x-4y+32=104$$

$$6x+8x+6y-z+7z-2=8x+7z+1$$

#### 93. Solve the system of equations:

$$9x-3x-24y+4y-12z-5z-27=-3x+4y-5z-174$$

$$-7x+6x+2y+7y-10z+8z-7=6x+7y+8z-128$$

## 94. Solve the system of equations:

$$-5x+3y+2y-2y+10=2y-2y-45$$

$$16x+4x-20y+10z+7z-20=4x+7z-146$$

#### 96. Solve the system of equations:

$$-4x+3x+6y+18z+10z-8=3x+10z-70$$

$$54x-90y-72y-45z+63=-72y-315$$

$$3x+y+2z+7z-10=7z-40$$

### 97. Solve the system of equations:

$$-30x-36y+18z-54=456$$

$$-3x-6y+21y+9y-27z-24z-8z+6=21y+9y-24z-8z-135$$

#### 98. Solve the system of equations:

$$-126x-2x+126y+126y-72z+126=-2x+126y-36$$

$$10x-5x+7y+9y-7z+7=-5x+9y+54$$

## 99. Solve the system of equations:

$$-14x-8x-2y+4y+10y+2=-8x+4y+10y+8$$

$$-24x-3=-3$$

### 101. Solve the system of equations:

$$9x+6x+2y-3y+5y-9=6x-3y+5y-33$$

### 102. Solve the system of equations:

### 103. Solve the system of equations:

$$6x+6y+10y+6y-8z-8=10y+6y+102$$

$$8x+y-2y+9y+2z+2=-2y+9y+29$$

## 104. Solve the system of equations:

$$6x+7x-5x-18y-24y-6=7x-5x-24y-72$$

$$7x = 28$$

### 106. Solve the system of equations:

$$15x+7x+3y+12z-12=7x+156$$

$$-10x-9y+2y-9z-8=2y-164$$

$$-8x+10y-3z+8z-4=8z-5$$

#### 107. Solve the system of equations:

$$8x+5y-4y-6z+4z+10=-4y+4z+109$$

#### 108. Solve the system of equations:

$$8x+2y+3y+6y+18z+20z+18=3y+6y+20z-20$$

$$-21x-10x+18y-6z+15=-10x+195$$

$$-x+3y+7z+2z+7z-7=2z+7z+2$$

## 109. Solve the system of equations:

$$-6x-4x+x-14y+16=-4x+x-30$$

$$12x+2y+2=42$$

$$-7x+7y+8z+8=-158$$

$$-2x-4x-4y-2z-4z-2=-4x-4z+20$$

### 111. Solve the system of equations:

$$15x+6y+3z+27=66$$

### 112. Solve the system of equations:

$$-7x-y+7y-y+y+8=7y-y+y+5$$

### 113. Solve the system of equations:

$$30x-12x-12y-60z+48z+36=-12x+48z+114$$

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

$$-30x-3y-21z-9z+5z+6z+18=-9z+5z+6z-318$$

## 114. Solve the system of equations:

$$-8x-x-4y-3y-2z+1=-x-3y+51$$

$$-6x-3x-6y+4y+4z+8z+8=-3x+4y+8z$$

$$-9x+9y+3z-8=103$$

- 111. x=0, y=4, z=5
- 112. x=0, y=3
- 113. x=9, y=1, z=3
- 114. x=-8, y=6, z=-5
- 115. x=-8, y=-5

### 116. Solve the system of equations:

$$-12x-9x+2y+16z-12=-9x+72$$

$$-3x-9y+3z-9z-15=-9z+93$$

### 117. Solve the system of equations:

$$-9x+24y+24y+21z+9z+15=24y+9z-267$$

$$-8x-4y+5y+4y-7z-7=5y+4y-29$$

#### 118. Solve the system of equations:

$$6x+4x-2y-2y-3y-7=4x-2y-3y+27$$

$$7x-9x-9y+1=-9x+54$$

### 119. Solve the system of equations:

$$-4x+6y-9=-35$$

$$-2x+5y-3=-2x-18$$

$$-36x-72x+18y-90z-90z+81=-72x-90z+333$$

$$-6x-12y-4z+6z-20z+6z-12=6z-20z+6z-112$$

### 121. Solve the system of equations:

### 122. Solve the system of equations:

### 123. Solve the system of equations:

### 124. Solve the system of equations:

### 126. Solve the system of equations:

$$6x-2x+6x-6y-12=-2x+6x-6$$

$$24x-18=78$$

### 127. Solve the system of equations:

$$30x-3z+9z-15z+3=9z-15z+84$$

## 128. Solve the system of equations:

$$-9x-6x-5y+10z-3=-6x-35$$

$$2x+2x-9x-7y-4z-2=2x-9x-20$$

### 129. Solve the system of equations:

$$6x+9y-6y-7y-5=-6y-7y+4$$

$$6x-3y+3z-9z+24=-9z-18$$

$$-6x+6x+9y-27y-27z-6z+6z-18=6x-27y-6z+6z+54$$

- 126. x=4, y=3
- 127. x=3, y=6, z=3
- 128. x=8, y=2, z=5
- 129. x=-3, y=3
- 130. x=-3, y=9, z=1

#### 131. Solve the system of equations:

$$10x-4y+10z-6z-5z+2=-6z-5z+26$$

### 132. Solve the system of equations:

$$-12x+6x-18y+2y+6y+2y-6=6x+2y+6y+2y-204$$

#### 133. Solve the system of equations:

### 134. Solve the system of equations:

$$-4x-6x+4y-20z-6=-6x+230$$

$$5x-9x-3y+4z-1=-9x-110$$

$$2x-7y+5z+6z-3=6z+12$$

### 136. Solve the system of equations:

$$-81x+18y=243$$

### 137. Solve the system of equations:

$$20x-14x-16y+4z-24=-14x$$

$$24x-54y+36z+6=246$$

$$-5x-6x-4x-9x-2y-3z+2=-6x-4x-9x-34$$

### 138. Solve the system of equations:

$$-9x+15x-18y+5y+45=15x+5y-72$$

$$-4x+4y-18=26$$

### 139. Solve the system of equations:

$$-2x-5x-5y+3y-1=-5x+3y+47$$

$$-24x-21x-6y+9=-21x+9$$

- 136. x=-5, y=-9
- 137. x=1, y=2, z=9
- 138. x=-3, y=8
- 139. x=-9, y=-6
- 140. x=0, y=0

### 141. Solve the system of equations:

### 142. Solve the system of equations:

$$-27x+270y+45y-135z-81=45y$$

$$-90x+63y+2z+63=2z+585$$

$$5x-4x+9y-7z+4z-7=-4x+4z-42$$

### 143. Solve the system of equations:

$$-10x+12y+10z+10z+12=10z+8$$

### 144. Solve the system of equations:

$$-14x-5x-2y+12y+4=-5x+12y+88$$

$$84x-4x-48y+60=-4x+684$$

### 146. Solve the system of equations:

$$-18x+4x+8x+10y-4=4x+8x-108$$

$$-14x+12x+18y-20y+18y-6y-20=12x-20y+18y-6y-152$$

### 147. Solve the system of equations:

$$-3x+8x+6y-3z+10=8x+73$$

$$5x+9x-6x-9x-4y+7y+4z+5=9x-6x-9x+7y-68$$

#### 148. Solve the system of equations:

$$6x-6x+6y+7y-5y+5=-6x+7y-5y+53$$

### 149. Solve the system of equations:

$$-3x-8x+6x+8y+7y+1=-8x+6x+7y+66$$

$$9x+7x+7x+3x+3x-9y-6=7x+7x+3x+3x-96$$

$$-12x-8x+7x+9y-30=-8x+7x-30$$

#### 151. Solve the system of equations:

$$3x+24y-21y-9=-21y-99$$

### 152. Solve the system of equations:

$$-8x+10y+8y+7z+8=8y+110$$

$$6x-x+6y-6z+4z-21=-x+4z-15$$

#### 153. Solve the system of equations:

$$-3x+6y-6=-3x-24$$

$$9x+18x-3x+15x+12y+12y=18x-3x+15x+12y-90$$

### 154. Solve the system of equations:

$$-9x+7y+6z+10=-26$$

$$5x+4x-2y-z=4x-11$$

$$5x-x-3x-10y+6y-4z+5z+3z-9=-x-3x+6y+5z+3z-10$$

### 156. Solve the system of equations:

$$-60x+30x-60y+54z-6z-30=30x-6z-516$$

### 157. Solve the system of equations:

$$4x+20x-2=20x+34$$

### 158. Solve the system of equations:

$$-24x+48y-8y+42z+18=-8y-108$$

$$-12x+3x+4x+48y+42z-2z+24=3x+4x-2z-174$$

### 159. Solve the system of equations:

$$3x+42y-6=3x+36$$

$$-12x-2x-18y+3y+8=-2x+3y-190$$

### 161. Solve the system of equations:

#### 162. Solve the system of equations:

$$-4x+8x-4x+4y+16=8x-4x+20$$

$$-2x+14x-4y+2=14x-20$$

### 163. Solve the system of equations:

$$-60x+30y-4y-60=-4y-210$$

### 164. Solve the system of equations:

$$-20x+x+20y-4y+2z-14=x-4y+272$$

$$-2x-6x+7y-2y-z+1=-6x-2y-40$$

$$-8x+2y-10y-9z+10=-10y+100$$

### 166. Solve the system of equations:

$$6x-12y+27y+27z-24z=27y-24z+6$$

### 167. Solve the system of equations:

$$36x-8y+4y-6y=4y-6y-284$$

#### 168. Solve the system of equations:

$$-20x+36y+24z+16=196$$

### 169. Solve the system of equations:

$$-x-3x+5y-4y-3y+4y+6z+2=-3x-4y-3y+4y-3$$

$$-12x+8y-6y-14=-6y-102$$

### 171. Solve the system of equations:

$$-3x+9y+8y-6y+8=8y-6y+8$$

$$-3x+12x+6y+y-9=12x+y-9$$

### 172. Solve the system of equations:

$$4x+4x-28y+16z-8z=4x-8z+220$$

#### 173. Solve the system of equations:

$$-30x+3y-8y+18z+6=-8y-138$$

### 174. Solve the system of equations:

$$-45x-63y+27y-12y+90=27y-12y+837$$

### 176. Solve the system of equations:

$$9x-2x-6x-2x-9=-2x-6x-2x+9$$

### 177. Solve the system of equations:

$$-9x-5y-3y=-3y-106$$

$$-9x+2y+y+6=-9x+y+16$$

### 178. Solve the system of equations:

### 179. Solve the system of equations:

$$30x+9y+3y-18y-6y+3=3y-18y-6y+90$$

#### 181. Solve the system of equations:

#### 182. Solve the system of equations:

$$7x-3x+2x+7x-9y-7y+8z-3z-10=-3x+2x+7x-7y-3z-111$$

$$-2x+9x+8y+3z+4=9x+3z+34$$

$$-8x+2y-3y+4y+16z+8=-3y+4y-136$$

### 183. Solve the system of equations:

$$-10x+7y-2y-7z+2=-2y-12$$

## 184. Solve the system of equations:

$$-9x-27y+81y+27z+18=81y+324$$

$$7x-4x-3x+2y-1=-4x-3x+55$$

#### 186. Solve the system of equations:

$$-6x-6y+10y-z-9z-9z+9=10y-9z-9z-15$$

$$9x+10x-10y-4z+2z+4=10x+2z+64$$

### 187. Solve the system of equations:

$$6x+12y+12y+6y+8y+18z+2=12y+6y+8y+122$$

$$9y+5y+4z+8=5y+4$$

#### 188. Solve the system of equations:

$$-6x-6x+10y+24z-24z-24=-6x+10y-24z+18$$

## 189. Solve the system of equations:

$$-12x+54y+24=468$$

#### 191. Solve the system of equations:

$$-18x+9y+y+9z-18=y-117$$

$$6x+x-6y-27z+24=x+60$$

$$-54x-7x-18y+42z-6z-42=-7x-6z-294$$

### 192. Solve the system of equations:

$$-4x-2x-4y-4z+5z-10z+1=-2x+5z-10z+29$$

### 193. Solve the system of equations:

$$-4x+x-8y-3z-6=x-101$$

## 194. Solve the system of equations:

$$3x-8x-8y-y-10=-8x-y+43$$

$$-54x-48y-10y+24=-10y+294$$

### 196. Solve the system of equations:

### 197. Solve the system of equations:

$$9x+7x+5x+10y+2y-2y+7z+1=7x+5x+2y-2y+12$$

$$-8x-10y+5z-6z-1=-6z-50$$

$$-27x+18x+5x-21y-6z+27=18x+5x-6$$

### 198. Solve the system of equations:

$$-6x+24y+18y+42z+12=18y-78$$

$$-10x-9y-5z-3=43$$

### 199. Solve the system of equations:

$$4x+8y+4y-4z+7z-3z+2=4y+7z-3z-58$$

$$20x+6x+2y-14z+20=6x+16$$

$$30x+3x+12y+3y-36z-24=3x+3y-90$$

$$9x-6y-9y+2z+8=-9y+65$$

#### 201. Solve the system of equations:

$$-10x+8y+6y-3z+9z-2=6y+9z+31$$

$$-5x+2x-x+8y-2z+7z-7=2x-x+7z+29$$

### 202. Solve the system of equations:

$$64x+8y-8z-80=-520$$

$$-3x-4x-2y+3z-7=-4x+17$$

$$-3x-3y+7z+4=42$$

#### 203. Solve the system of equations:

$$-2x-18x+5x+4x-9x-2y-4=-18x+5x+4x-9x-2$$

### 204. Solve the system of equations:

$$9x-24y+7y+9z+4z-12=7y+4z+6$$

$$9x+x+6x+9x-6x-8y-8z+2=x+6x+9x-6x-8$$

$$4x-4x-16y+20z-20=-4x-96$$

### 206. Solve the system of equations:

### 207. Solve the system of equations:

#### 208. Solve the system of equations:

### 209. Solve the system of equations:

### 211. Solve the system of equations:

$$-3x-27y+2y+2y+3=2y+2y+210$$

### 212. Solve the system of equations:

$$-2x+8x+3x-6y+y-3z+8=8x+3x+y-20$$

$$-4x+8x-9y+6y-9z-6z+4=8x+6y-6z-40$$

$$-30x+48y-54z-48=342$$

### 213. Solve the system of equations:

$$-24x+3y+30y+3z-10z-6z+30=30y-10z-6z-228$$

$$6x-54y-54z-2z-18=-2z+792$$

## 214. Solve the system of equations:

$$-72x-36y+108=432$$

$$-2x-5x+6y+4y-6=-5x+4y-56$$

### 216. Solve the system of equations:

### 217. Solve the system of equations:

218. Solve the system of equations:

219. Solve the system of equations:

### 221. Solve the system of equations:

### 222. Solve the system of equations:

$$-14x-4x+8y+4y+4=-4x+4y+118$$

### 223. Solve the system of equations:

$$-5x-7x-y-9y-1=-5x-7x-9y+6$$

$$4x+3x+2x-4y+y-9=3x+2x+y+47$$

### 224. Solve the system of equations:

$$-4x-8x+9y+10y+5z-8=-8x+10y-57$$

$$-2x-4y-4z-3z+6=-3z+76$$

$$-12x+6y-24=54$$

### 226. Solve the system of equations:

$$2x+6y+2y+9=2y-27$$

### 227. Solve the system of equations:

$$6x-10x-3y+8y-6y-9=-10x+8y-6y+48$$

### 228. Solve the system of equations:

$$-96x-120y=-72$$

$$-3x-21x-9y+21y+81=-3x-21x+21y+18$$

## 229. Solve the system of equations:

$$2x+5x+4=5x+10$$

$$-36x-6x-42y-36z+60=-6x+666$$

$$-9x-24y-6z+15z+3z=15z+3z+204$$

### 231. Solve the system of equations:

### 232. Solve the system of equations:

### 233. Solve the system of equations:

### 234. Solve the system of equations:

### 236. Solve the system of equations:

### 237. Solve the system of equations:

#### 238. Solve the system of equations:

## 239. Solve the system of equations:

### 241. Solve the system of equations:

$$-21x-7x+15y-3=-7x+39$$

$$-3x-12y+21=-72$$

### 242. Solve the system of equations:

$$-12x+20x+4y+8y-2y+2z=20x+8y-2y+120$$

$$4x+3x-9y-7y-2z-5=3x-7y-66$$

### 243. Solve the system of equations:

$$3x-10y-2y+4y-6z-3z-1=-2y+4y-3z+25$$

$$-3x-2x-10y-7y-3y-6y-8=-2x-7y-3y-6y-78$$

$$-7x+5x+8y+4z-4=5x-66$$

### 244. Solve the system of equations:

$$12x+12y+10z+2=48$$

$$3x+7x+4y+2z+9=7x+12$$

### 246. Solve the system of equations:

$$6x-16y+20z=-8$$

$$6x+5x+30y-18z+6=5x+90$$

$$-6y-6y+54z+16z+60=-6y+16z+48$$

### 247. Solve the system of equations:

$$-90x+45y+27y+27y-36=27y+27y-441$$

#### 248. Solve the system of equations:

$$32x-24x-24y-36z-32=-24x-92$$

### 249. Solve the system of equations:

$$2x-7x-y+2z+9=-7x+22$$

$$9x+18y+21y+6z-60=9x+21y-132$$

$$3x+7y-4z+2z-3=2z+37$$

$$6x-5y-5z+2z+7z+10=2z+7z+69$$