Solve using Cramer's Rule

①
$$x - y + 2z - w = -1$$
$$2x + y - 2z - 2w = -2$$
$$-x + 2y - 4z + w = 1$$
$$3x \qquad - 3w = -3$$

②
$$- x - 2y - 3z = 0$$
$$w + x + 4y + 4z = 7$$
$$w + 3x + 7y + 9z = 4$$
$$-w - 2x - 4y - 6z = 6$$

③
```
 a +  b - 2c +  d + 3e -  f  =    4
2a -  b +  c + 2d +  e - 3f  =   20
 a + 3b - 3c -  d + 2e +  f  =  -15
5a + 2b -  c -  d + 2e +  f  =  - 3
-3a -  b + 2c + 3d +  e + 3f  =   16
4a + 3b +  c - 6d - 3e - 2f  =  -27
```