

# Solución

1 Hierro = Fe

$$Z = 26$$

$$Z = 1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^6$$

2 Oro = Au

$$Z = 79$$

$$Z = 1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2$$

$$4d^{10} 5p^6 6s^2 4f^{14} 5d^9 (5d^{10})$$

3 Titanio = Ti

$$Z = 22$$

$$Z = 1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^2 (3d^{10})$$

4 Potasio = K

$$Z = 19$$

$$Z = 1s^2, 2s^2, 2p^6, 3s^2 3p^1 (3p^6)$$



KUT

5 Bromo = Br

$$Z = 35$$

$$Z = 1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 4s^2, 3d^{10}, 4p^5,$$

$$(4p^6)$$