

Solución

Completa la siguiente tabla:

| átomo | Z | A | n° de p ⁺ | n° de n | n° de e ⁻ | carga | anión, átomo neutro o catión | configuración electrónica |
|----------------------------|----|-----|----------------------|---------|----------------------|-------|------------------------------|---|
| $^{13}_6\text{C}$ | 6 | 13 | 6 | 7 | 6 | 0 | átomo neutro | $1s^2 2s^2 2p^2$ |
| $^{112}_{48}\text{Cd}$ | 48 | 112 | 48 | 64 | 48 | 0 | átomo neutro | $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10}$ |
| $^{80}_{35}\text{Br}^-$ | 35 | 80 | 35 | 45 | 36 | -1 | anión | $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6$ |
| $^{23}_{11}\text{Na}^+$ | 11 | 23 | 11 | 12 | 10 | +1 | catión | $1s^2 2s^2 2p^6$ |
| $^{88}_{38}\text{Sr}^{2+}$ | 38 | 88 | 38 | 50 | 36 | +2 | catión | $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6$ |