

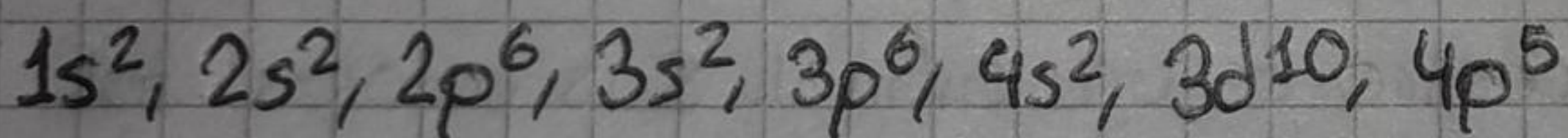
TAREA

Hacer los cuatro números cuánticos de los siguientes elementos: Bromo, magnesio, calcio, oro, plata.

SOLUCIÓN

Bromo: (Br):

$$Z = 35$$



$$n = 4$$

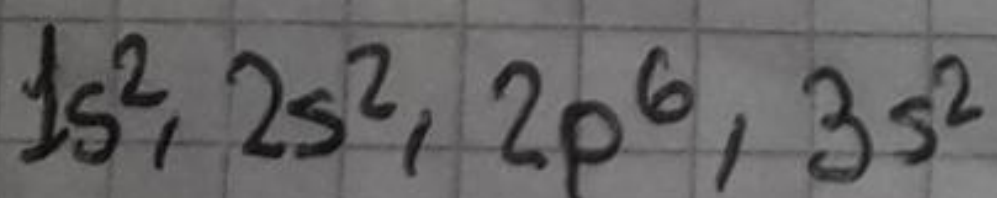
$$L = 1$$

$$m_L = 0$$

$$m_s = -\frac{1}{2}$$

Magnesio (Mg):

$$Z = 12$$



$$n = 3$$

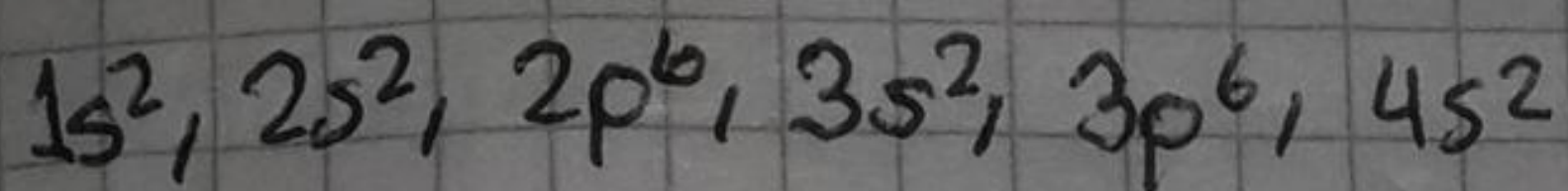
$$L = 0$$

$$m_L = 0$$

$$m_s = -\frac{1}{2}$$

Calcio (Ca):

$$Z = 20$$



$$n = 4$$

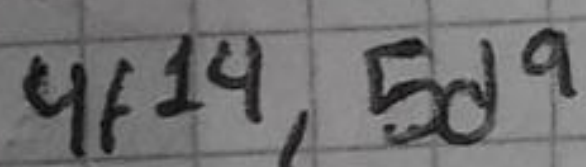
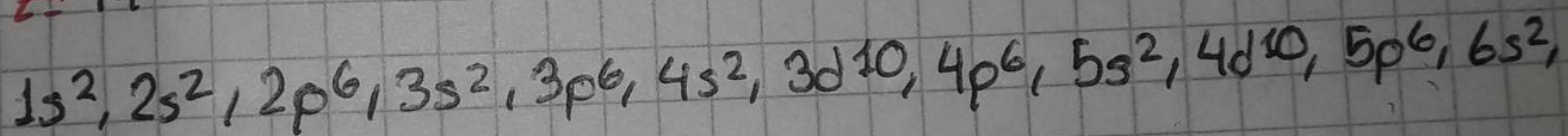
$$L = 0$$

$$m_L = 0$$

$$m_s = -\frac{1}{2}$$

Oro (Au):

$$Z = 79$$



$$n = 5$$

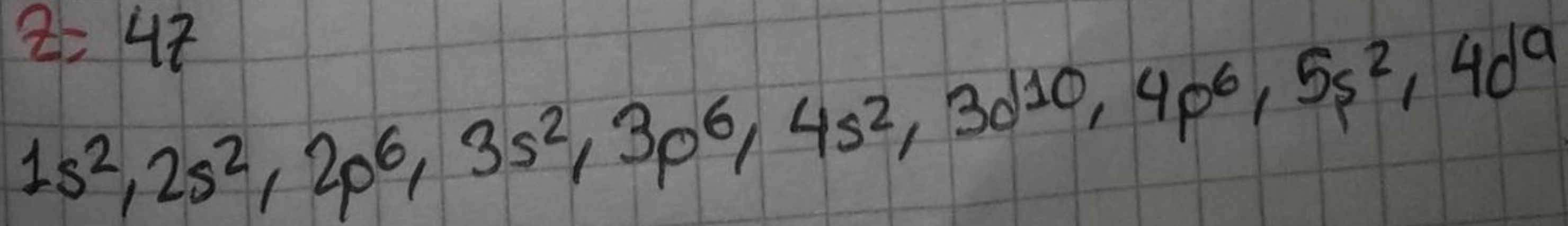
$$L = 2$$

$$m_L = +1$$

$$m_s = -\frac{1}{2}$$

Plata (Ag):

$$Z = 47$$



$$n = 4$$

$$L = 2$$

$$mL = -1$$

$$ms = -1/2$$