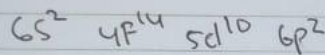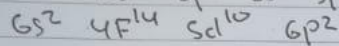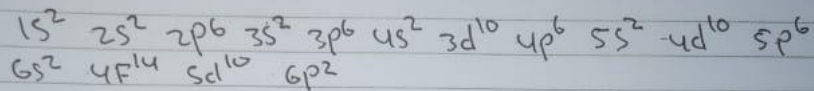Tugas kimia

Nama = Muhammad Tarmidzi Bariq
Kelas = 11A13
NPM = 5142216/

Soal
Tulis konfirasi e unsur, Jelaskan Posisi di SPU dan
keempat bilangan kuantum

1) $_{82}Pb$

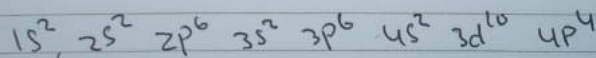$1s^2 \ 2s^2 \ 2p^6 \ 3s^2 \ 3p^6 \ 4s^2 \ 3d^{10} \ 4p^6 \ 5s^2 \ 4d^{10} \ 5p^6$
$6s^2 \ 4f^{14} \ 5d^{10} \ 6p^2$

$6s^2 \ 4f^{14} \ 5d^{10} \ 6p^2$

Periode $=6$
$s^2 + p^2$ Golongan $= IVA$

↑	↑	
-1	0	1

$n = 6$ $\ell = 1$
$m = 0$ $s = +\frac{1}{2}$

2) $_{34}Se$

$1s^2, \ 2s^2 \ 2p^6 \ 3s^2 \ 3p^6 \ 4s^2 \ 3d^{10} \ 4p^4$

Periode $= 4$
$s^2 + p^4$ Golongan $= VIA$

↑↓	↑	↑
-1	0	1

$n = 4$ $\ell = 1$
$m = -1$ $s = -\frac{1}{2}$

JOYKO® 36 Lines, 6 mm

3) $_{35}Br$

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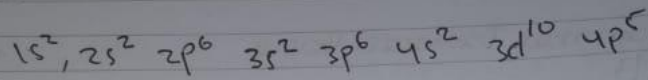
Periode = 4

$s^2 + p^5$ Golongan = VII A

$n = 4$ $\ell = 1$

$m = 0$ $s = -\frac{1}{2}$

↑↓	↑↓	↑
-1	0	1