

**Nº's quàntics:**

Nº quàntic principal:  $n$  (tamany del radi de Bohr).

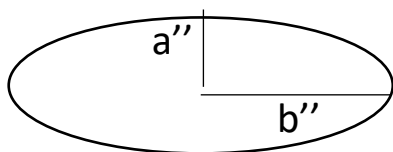
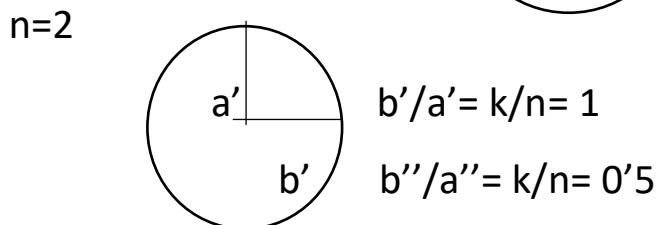
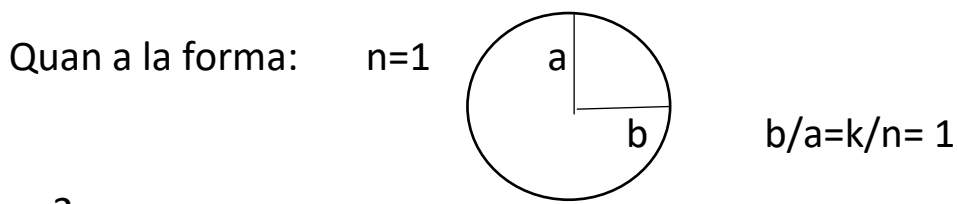
Nº quàntic azimutal:  $l$  (forma).

Nº quàntic magnètic:  $m_l$  (orientació).

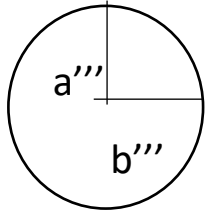
Spin:  $m_s$  ( $1/2, -1/2$ ).

Tots ells defineixen un orbital.

$n$ (tamany i energia)	$l = 0, \dots, n-1$	$m_l = -l, \dots, +l$
	$k = 1, \dots, n$	
1	0 (s)	1 (0)
2	1 (p)	3 (-1, 0, 1)
3	2 (d)	5 (-2, -1, 0, 1, 2)
...	3 (f)	7 ...
	...	...

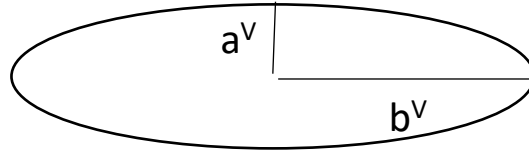
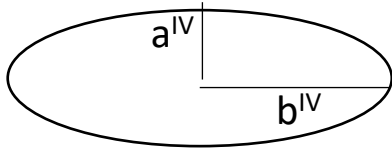


n=3



$$b'''/a''' = k/n = 1$$

$$b^{IV}/a^{IV} = k/n = 2/3$$



$$b^V/a^V = k/n = 1/3$$