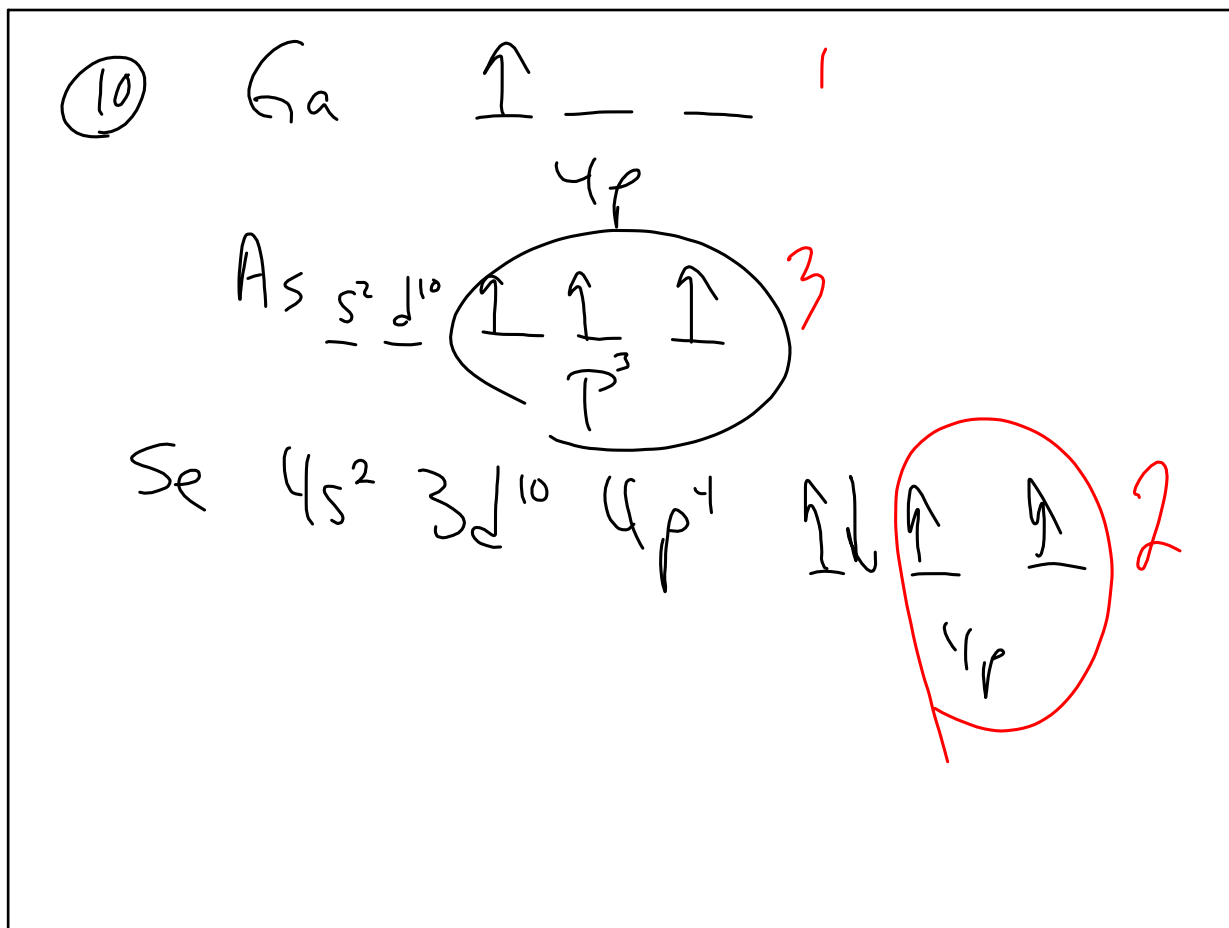


Nov 29-7:39 AM



Nov 29-8:05 AM

(15) $\odot \rightarrow \downarrow f \rightarrow \uparrow$

$$\frac{3 \times 10^8 \text{ m}}{\text{Sec}} = f \quad (280 \times 10^{-9} \text{ m})$$

$E = hf$

Nov 29-8:11 AM

(22) $E = R_H \left(\frac{1}{n_1^2} - \frac{1}{n_2^2} \right)$

$= 4.578 \times 10^{-19} \text{ J}$

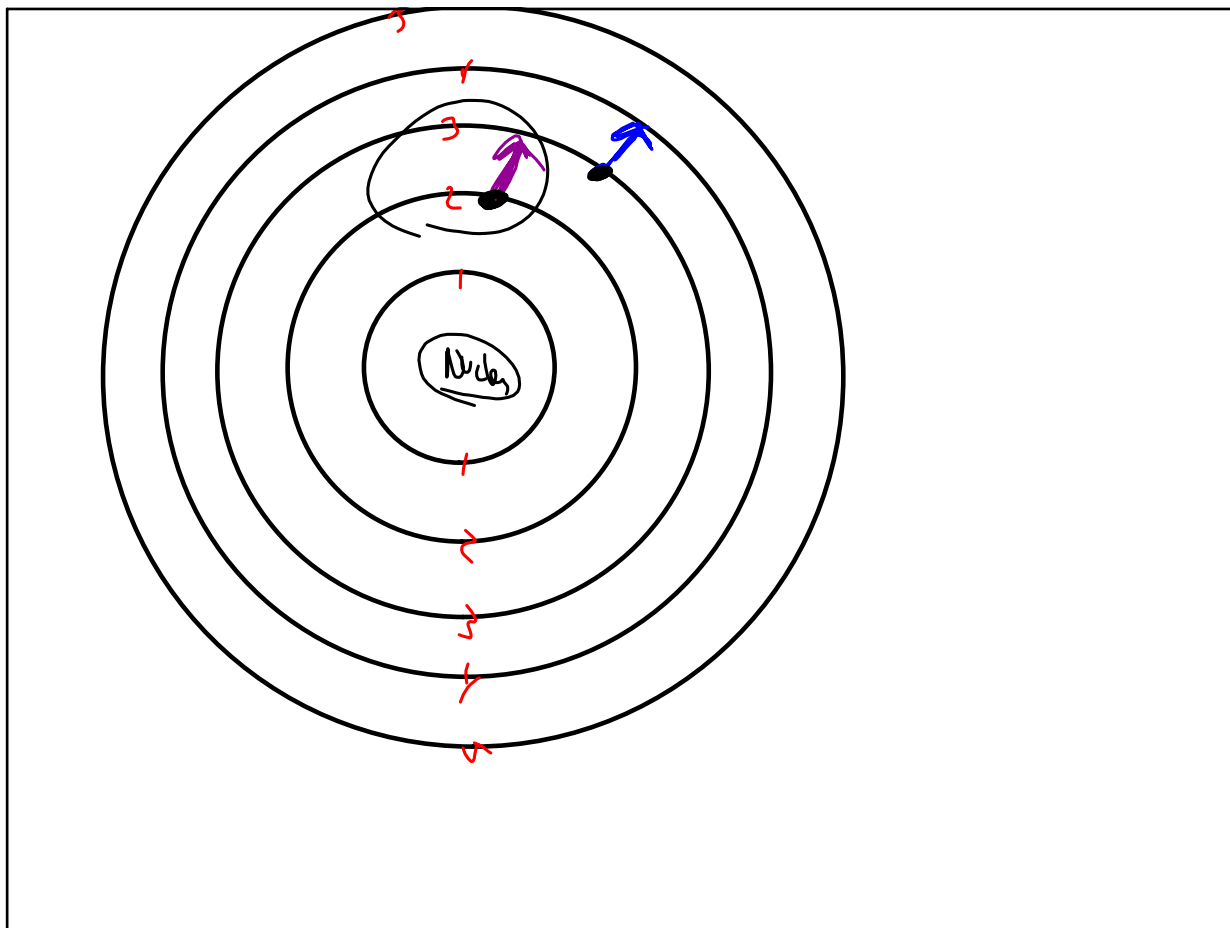
$E = hf$

$c = f \lambda$

$f = \frac{c}{\lambda}$

$$\lambda = \frac{hc}{E} = 4.34 \times 10^{-7} \text{ m}$$

Nov 29-8:16 AM



Nov 29-8:19 AM

$9/54, 70$

Nov 29-8:25 AM