

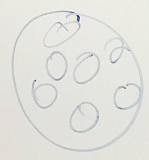
$10^{-10} \text{ m} = \text{Å} \leftarrow \text{Å} \checkmark$
 0.1 nm

CM \checkmark

DPF

$10^{-15} \text{ m} = \text{fm} = 1 \text{ Fermi}$

$\left\{ \begin{array}{l} 0 \text{ p} \\ 0 \text{ h} \end{array} \right.$	$Z=1$	$Q=1e$	\rightarrow	quark
	$Z=0$	$Q=0$		Up-quark $q=+\frac{2}{3}$



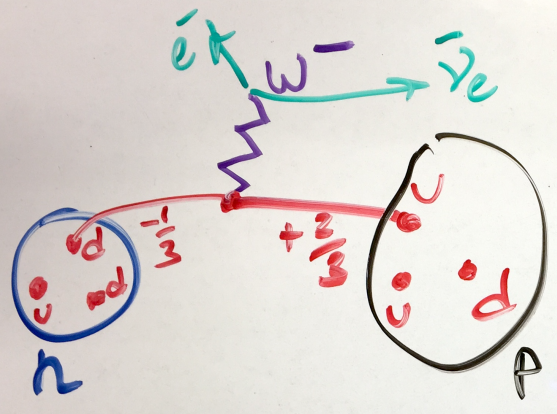
$A = Z + N$

down-quark $q=-\frac{1}{3}e$

$E = mc^2$

Fermions $s = \frac{1}{2}, \frac{3}{2}$ Bosons $0, 1, 2, \dots$

β^- decay



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