

1	PRZED	70
7	Q	Q
E	Ep+Ex	(3mp+mx)c2

$$= 9m_{p}^{2}c^{4} + 6m_{p}m_{x}c^{4} + m_{x}^{2}c^{4} = I_{p}^{2} + 2E_{p}m_{x}c^{2} + m_{x}^{2}c^{4} + I_{p}^{2}c^{4}$$

$$= 78m_{p}^{2}c^{4} + 6m_{p}m_{x}c^{4} = 2E_{p}m_{x}c^{2}$$

$$= 7 Ep = \frac{4m^{2}pc^{2} + 3mpm, c^{2}}{mxc^{2}} = mpc^{2}\left(4\frac{mp}{mx} + 3\right)$$