ASORBIC ACID

30.09

12.99

12.99

12.7.3 = Suny 
$$\frac{12.7}{3}.4 = 7.26$$

(autound 4: 1.0000 g. 
$$\frac{33.28}{66.72} = 0.4988 g$$
  
2:  $1.0000 g. \frac{39.99}{60.06} = 0.6650 g$ 

15) 
$$V = 8.09 \cdot 10^{6} \text{ m·s}^{-2}$$
 $L = 0.40 \text{ m}$ 
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14) 
$$A = \begin{cases} P : A : \\ = \frac{92.21}{100} \cdot 24.9763 + \frac{0.30}{100} \cdot 24.97649 \\ = \frac{3.04}{100} \cdot 24.97376 \end{cases}$$

$$= 28.08561 m$$
19)  $\left(\frac{19.61}{100} \cdot 10.003\right) + \left(\frac{90.39}{100} \cdot A_{MA}\right) = 10.844$ 

$$A_{M} = 11.00566 + 11.006 + 12.006$$
23)
$$A_{M} \Rightarrow 244 - 95 = 1.76 \text{ NEUTRONS}$$

$$\Rightarrow 95 \text{ PROTONS}$$

$$Q5 \text{ ELECTRONS}$$

$$0 = 2.88 \cdot 10^{-10} \text{m}$$

$$1 \text{ mol} = 6.02214129 \times 10^{23} \text{ atans}$$

$$L = 2.88 \cdot 10^{-10}, 6.02214129 \cdot 10^{23}$$

$$= 1.73437 \cdot 10^{19} \text{ m}$$

$$2 1.73 \cdot 10^{19} \text{ m}$$

391) 
$$r = R(A)^{\frac{1}{3}}$$

= 13×10<sup>-13</sup>. (127)<sup>\frac{1}{3}}</sup>

= 6.524 10<sup>-13</sup> m · 10<sup>2</sup> = 6.534·10<sup>-13</sup> cm

 $\rho = \frac{m}{\sqrt{1 - \frac{1}{3}}} = \frac{2.4 \cdot 10^{22} \cdot 2}{4\pi (6.54 \cdot 10^{-13})^5} = 1.747 \cdot 10^{14} \text{ g/m}^3 >> 4.93 \text{ g/m}$ 
 $\Rightarrow \text{ wides is extremly clare}$ 

$$r = 20 \cdot 10^{3} \text{ m} \Rightarrow 70.10^{5}$$

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$$r = 4.645 \cdot 10^{-24} \text{ g}$$

$$= 1.635 \cdot 10^{-24} \cdot 10^{-$$

232Th 
$$\Rightarrow 1.62 \text{ N}$$

$$qo p$$

$$= \frac{M}{N} = \frac{(N_{0} \cdot M_{p}) + (N_{N} \cdot M_{N})}{\frac{4}{3}\pi(v)^{3}}$$

$$= \frac{(q_{0} \cdot 1.633 \cdot 10^{-24}) + (1.62 \cdot 1.635 \cdot 10^{-24})}{\frac{6}{3}\pi(q_{1} \cdot 10^{-15})^{3}}$$

$$= 1.23052 \cdot 10^{-16} \text{ M} \text{ M/cm}$$

1. MATTER CONSISTS OF INDIUSIBLE SUBATIONIC AGONS, MADE UP BY QUARIES 2. ALL AFONS OF A GIVEN CHEMICAL HAVE AN DENTICAL NUMBER OF PROFONS AND ELECTRONS, BUT NEUTRONS MALL WARY 3.70(FREMENT NUMBERY OF PROFONS 4. ATOMS CAN BE SEPARATED IN MELLY PROCESSES.