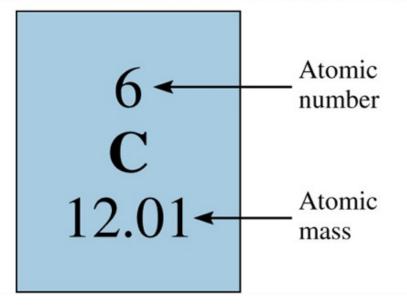
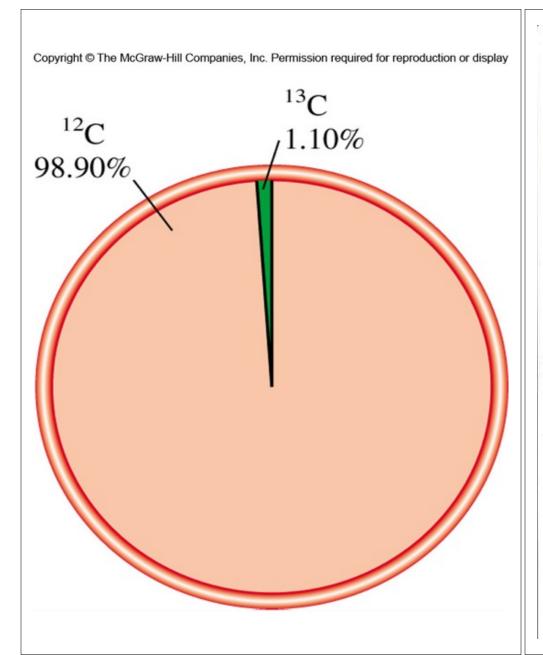
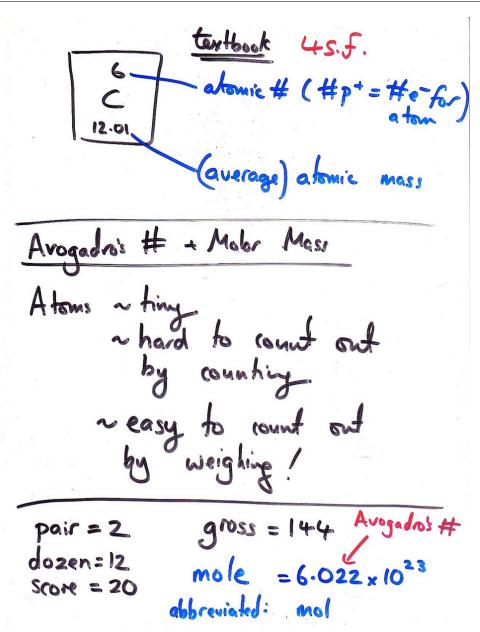
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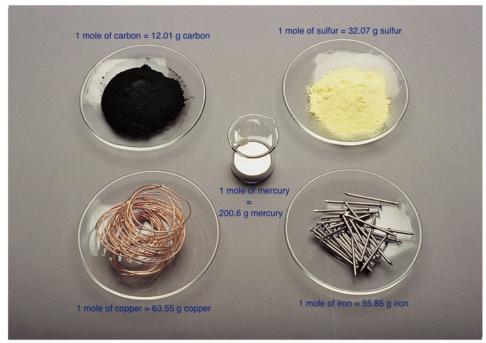




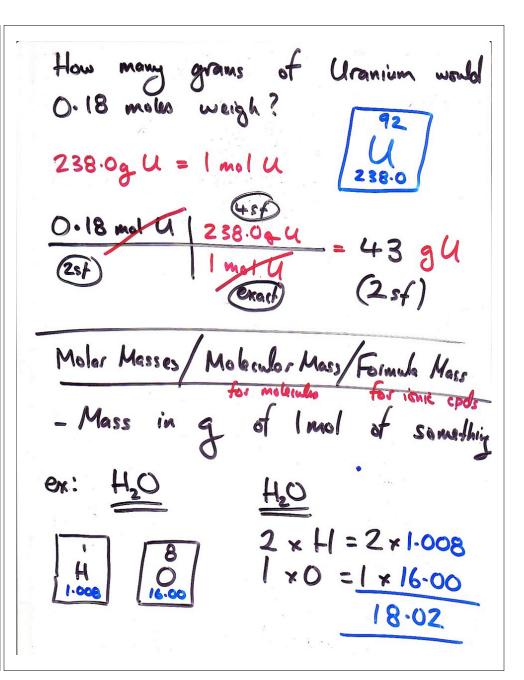


- On average, an atom of Pb has If we take 6.022×1023 atoms of B, it will have a mass of 207.29 1 mol of Pb = 207.29 Pb. land apme moss - on aug, laton a = 35.054 6.022×1023 atoms of C1 = 35.459 C1 1 mol a = 35.452 da

Well, how many atoms of An are How many moles of Au is this? = 0.0772 Copyright © The McGraw-Hill Companies, Inc. Permission required for reproduction or display



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ex: How many moles of H20?

are in 5.10q of H20?

```
Ethyl alcohol
            (1) How many
C2460.
              is equivalent
             3.80 moles ?
            (2) How many moles are
               equivalet to 1842?
C2H60
2xC=2x12.01
                  = 24.02
                            2d 0
 6xH = 6x 1.008 = 6.042 3dp
 1×0 = 1 × 16.00 = 16.00
        46.06
=> 1 mol C2H60 = 46.06g (2H60
(1) 3.80 mol (2Ho) 46.04 (2Ho) = 1759 (2Ho
```