

**Homework Answers**

Hill-Petrucci

Page 117 #22,24,26

22.a. 233g

b. 19.5g

c. 97.2g

d.  $8.74 \times 10^7$ g

24 a. 0.154mol

b. 0.08605 mol

c. 0.380mol

d.  $3.02 \times 10^{-5}$ mol

e.  $1.68 \times 10^6$ mol

f. 1.67mol

26.  $4.5 \times 10^{23}$  Cl atoms

$1.5 \times 10^{23}$  Cr atoms

$6.0 \times 10^{23}$  N atoms

$1.8 \times 10^{24}$  H atoms