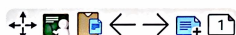




Na: $3 \times 22.99\text{g}$

N: $1 \times 14.01\text{g}$

Na_3N : 82.98g/mol
(Na_3N)



2a: $452.3\text{g Na}_3\text{N} \rightarrow \text{mol}$

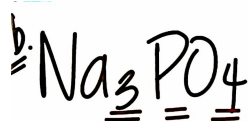
$452.3\text{g Na}_3\text{N}$	$1\text{ mol Na}_3\text{N}$
$82.98\text{g Na}_3\text{N}$	

$= 5.45\text{mol Na}_3\text{N}$

2e: $4.29\text{mol Na}_3\text{N} \rightarrow \text{mass}$

$4.29\text{mol Na}_3\text{N}$	$82.98\text{g Na}_3\text{N}$
$1\text{ mol Na}_3\text{N}$	

$= 355.98\text{g Na}_3\text{N}$

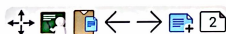


Na: $3 \times 22.99\text{g}$

P: $1 \times 30.97\text{g}$

O: $4 \times 16.00\text{g}$

Na_3PO_4 : 163.94g/mol
 Na_3PO_4



2b: $592.5\text{g Na}_3\text{PO}_4 \rightarrow \text{mol}$

$592.5\text{g Na}_3\text{PO}_4$	$1\text{ mol Na}_3\text{PO}_4$
$163.94\text{g Na}_3\text{PO}_4$	

$= 3.61\text{mol Na}_3\text{PO}_4$

2e: $1.49\text{mol Na}_3\text{PO}_4 \rightarrow \text{mass}$

$1.49\text{mol Na}_3\text{PO}_4$	$163.94\text{g Na}_3\text{PO}_4$
$1\text{ mol Na}_3\text{PO}_4$	

$= 244.27\text{g Na}_3\text{PO}_4$

