Rule 51 To Multiply by $16\frac{2}{3}$ ($\frac{1}{6}$ of 100) divide by 6 and consider result as 100's.

Ex. $576 \times 16\frac{2}{3} = 576 \div 6$ or 96 hundreds $= 9600$.

Rule 52. To Multiply by $83\frac{1}{3}$ ($\frac{5}{6}$ of 100) divide by 6, multiply by 5 and consider result as 100's.

Ex. $495 \times 83\frac{1}{3} = 495 \div 6$ or $82\frac{1}{2} \times 5 = 412\frac{1}{2}$ hundreds $= 41250$.

Rule 53. To Multiply by $116\frac{2}{3}$ ($\frac{7}{6}$ of 100), to the number add $\frac{1}{6}$ the number and ann. 2 in 100's.

Ex $486 \times 116\frac{2}{3} = 486 + \frac{1}{6}$ of $486 = 486 + 81 = 567$ hundreds $= 56700$.

" $245 \times 116\frac{2}{3} = 245 + \frac{1}{6}$ of $245 = 245 + 40\frac{5}{6} = 285\frac{5}{6}$ hundreds $= 28583\frac{1}{3}$

Note Learn to count by $16\frac{2}{3}$ to 100 - $16\frac{2}{3}$. $33\frac{1}{3}$. 50 $66\frac{2}{3}$. $83\frac{1}{3}$. 100. Notice $\frac{5}{6} = 83\frac{1}{3}$.

Other Aliquot Parts

$6\frac{1}{4}$ is $\frac{1}{16}$ of 100 - divide by 16, consider ans. as 100's

$8\frac{1}{3}$ " $\frac{1}{12}$ " 100 - " " 12, " " " " "

$9\frac{1}{11}$ " $\frac{1}{11}$ " 100 - " " 11. " " " . . .

$11\frac{1}{9}$ " $\frac{1}{9}$ " 100 - " " 9. " " " . . .

$14\frac{2}{7}$ " $\frac{1}{7}$ " 100 - " " 7 " " " " .

Others might be added but as they are seldom used in business they are not emphasized.

5·7	5·4	5·6	5·9	5·1	5·8	5·2	5·6	5·1	5·9
11	13	10	14	19	16	18	12	16	12