

Rule 46. To Multiply by $12\frac{1}{2}\%$ ($\frac{1}{8}$ of 100) divide by 8 and consider result as 100%.

Ex. $432 \times 12\frac{1}{2}\% = 432 \div 8 = 54$ hundred = 5400.

Rule 47. To Multiply by $37\frac{1}{2}\%$ ($\frac{3}{8}$ of 100) divide by 8 and multiply by 3 and consider result as 100%.

Ex. $96 \times 37\frac{1}{2}\% = 96 \div 8 \times 3 = 36$ hundred = 3600.

$74 \times 37\frac{1}{2}\% = 74 \div 8 \times 3 = 29\frac{1}{2}\% = 2962\frac{1}{2}$

Rule 48. To Multiply by $62\frac{1}{2}\%$ ($\frac{5}{8}$ of 100) divide by 8, multiply by 5, consider result as 100%.

Ex. $92 \times 62\frac{1}{2}\% = 92 \div 8 \times 5 = 57\frac{1}{2}\%$ hundred = 5750.

Rule 49. To Multiply by $87\frac{1}{2}\%$ ($\frac{7}{8}$ of 100) divide by 8, multiply by 7, consider result as 100%.

Ex. $65 \times 87\frac{1}{2}\% = 65 \div 8 \times 7 = 56\frac{1}{4}\%$ hundred = 5687 $\frac{1}{2}$.

Rule 50. To Multiply by $112\frac{1}{2}\%$ ($\frac{9}{8}$ of 100) to the number add $\frac{1}{8}$ the number and consider result as 100%.

Ex. $56 \times 112\frac{1}{2}\% = 56 + \frac{1}{8} \text{ of } 56 = 63$ hundred = 6300.

" $142 \times 112\frac{1}{2}\% = 142 + \frac{1}{8} \text{ of } 142 = 159\frac{1}{4}$ hundred = 15975.

Note. Learn to count by $12\frac{1}{2}\%$ to 100 - $12\frac{1}{2}, 25, 37\frac{1}{2}, 50, 62\frac{1}{2}, 75, 87\frac{1}{2}, 100$ Know at a glance that $\frac{3}{8} = 37\frac{1}{2}\%$; $\frac{5}{8} = 62\frac{1}{2}\%$ and $\frac{7}{8} = 87\frac{1}{2}\%$

45	42	47	46	44	48	43	49	47	46
12	17	11	13	10	13	14	11	15	18