

Rule 34. To Multiply by $3\frac{1}{2}$ ($\frac{1}{2}$ of 10) divide by 3 and consider the answer as tens.

Ex. $45 \times 3\frac{1}{2} = 45 \div 3 = 15 \text{ tens} = 150$

Rule 35. To Multiply by $33\frac{1}{3}$ ($\frac{1}{3}$ of 100) divide by 3 and consider the ans. as hundreds.

Ex. $147 \times 33\frac{1}{3} = 147 \div 3 = 49 \text{ hundreds} = 4900$

Rule 36. To Multiply by $333\frac{1}{3}$ ($\frac{1}{3}$ of 1000) divide by 3 and consider the ans. as thousands.

Ex. $982 \times 333\frac{1}{3} = 982 \div 3 = 327\frac{2}{3} \text{ thousands} = 327333\frac{2}{3}$

Rule 37. To Multiply by $66\frac{2}{3}$ ($2 \times 33\frac{1}{3}$) proceed as in Rule 35 and multiply by 2

Ex. $58 \times 66\frac{2}{3} = 58 \div 3 = 19\frac{2}{3} \times 2 = 38\frac{4}{3} \text{ hundreds} = 3866\frac{2}{3}$

Rule 38. To Multiply by $666\frac{2}{3}$ ($2 \times 333\frac{1}{3}$) proceed as in Rule 36 and multiply by 2

Ex. $765 \times 666\frac{2}{3} = 765 \div 3 = 255 \times 2 = 510 \text{ thousands} = 510000$

Rule 39. To Multiply by $13\frac{1}{2}$ ($10 + \frac{1}{2}$ of 10), to the number add $\frac{1}{2}$ the number and consider the answer as tens

Ex. $72 \times 13\frac{1}{2} = 72 + \frac{1}{2} \text{ of } 72 = 96 \text{ tens} = 960$

Rule 40. To Multiply by $133\frac{1}{3}$ ($100 + \frac{1}{3}$ of 100), to the number add $\frac{1}{3}$ the number and consider the answer as hundreds.

Ex. $427 \times 133\frac{1}{3} = 427 + \frac{1}{3} \text{ of } 427 = 569\frac{1}{3} \text{ hundreds} = 56933\frac{1}{3}$

23	25	21	27	22	29	24	28	26	23	27
<u>9</u>	<u>6</u>	<u>8</u>	<u>9</u>	<u>5</u>	<u>8</u>	<u>9</u>	<u>8</u>	<u>6</u>	<u>8</u>	<u>7</u>