

$4\frac{1}{5}$ by 35

$11\frac{1}{2}$
7

$3\ 10\frac{1}{4}$ Ans.

	£	s.	d.
Ans.	1	18	6
"	1	4	$4\frac{1}{2}$
"	6	2	8
"	13	5	6
"	4	15	0
"	1	5	$4\frac{1}{2}$
"	1	7	$11\frac{1}{2}$
"	16	4	0
"	1	14	$10\frac{3}{4}$
"		12	$4\frac{1}{4}$
"	45	19	4
"	13	3	9
"	8	8	0
"	7	11	$11\frac{1}{4}$
"	5	2	1
"	535	16	0
"	1	12	6
"	46	14	6
"	6	17	6
"	13	2	6
"	39	16	0
"	3	10	$5\frac{1}{4}$
"	1	16	$5\frac{1}{2}$
"	47	5	0
"	261	16	0
"	34	2	6
"	15	4	6
"	89	12	0
"	5	14	$1\frac{1}{2}$
"	15	6	3
"	207	0	0
"	35	13	$10\frac{1}{4}$
"	7	18	4
"	78	15	0
"	10	16	4
"	11	14	$4\frac{1}{2}$

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|-----|---------------------------|----|----------------|---------------|---|------|----|----|
| 37. | 96 yds. broad cloth,....@ | 1 | 5 | 3 | " | 121 | 4 | 0 |
| 38. | 100 Watches,.....@ | 4 | 17 | 8 | " | 488 | 6 | 8 |
| 39. | 108 Deals,.....@ | 1 | 2 | $\frac{3}{4}$ | " | 6 | 12 | 9 |
| 40. | 120 Oxen,.....@ | 9 | 13 | 5 | " | 1160 | 10 | 0 |
| 41. | 110 Firkins butter,.....@ | 2 | 8 | 10 | " | 268 | 11 | 8 |
| 42. | 121 Ewes,.....@ | 17 | 11 | " | " | 108 | 7 | 11 |
| 43. | 132 Stones beef,.....@ | 3 | $4\frac{1}{2}$ | " | " | 22 | 5 | < |
| 44. | 144 Dozens eggs,.....@ | 0 | $7\frac{1}{4}$ | " | " | 4 | 7 | 0 |

RULE III. When the multiplier is not a composite number; multiply by the component parts of the number nearest to it, and the multiplicand by what the given number is greater or less, and add or subtract accordingly.

Mult. 2 14 $7\frac{1}{2}$ by 38

or thus.

$$\begin{array}{r} 2\ 14\ 7\frac{1}{2} \\ \times 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2\ 14\ 7\frac{1}{2} \\ \times 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 16\ 7\ 9 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 10\ 18\ 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 98\ 6\ 6 \\ 5\ 9\ 3 \end{array} \left. \vphantom{\begin{array}{r} 98\ 6\ 6 \\ 5\ 9\ 3 \end{array}} \right\} \text{add}$$

$$\begin{array}{r} 109\ 5\ 0 \\ 5\ 9\ 3 \end{array} \left. \vphantom{\begin{array}{r} 109\ 5\ 0 \\ 5\ 9\ 3 \end{array}} \right\} \text{sub't.}$$

Ans. 103 15 9

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|-----|-------|----|----------------|-----------------|-----|-----|----------------|----------------|
| 1. | 17 @ | 5 | 4 | Ans. | 4 | 10 | 8 | |
| 2. | 31 @ | 10 | $7\frac{1}{2}$ | " | 16 | 9 | $4\frac{1}{2}$ | |
| 3. | 39 @ | 2 | 15 | 6 | " | 108 | 4 | 6 |
| 4. | 47 @ | 17 | 10 | " | 41 | 18 | 2 | |
| 5. | 58 @ | 0 | $7\frac{1}{2}$ | " | 1 | 16 | 3 | |
| 6. | 67 @ | 3 | 4 | 0 | " | 214 | 8 | 0 |
| 7. | 73 @ | 2 | 0 | $11\frac{1}{4}$ | " | 149 | 8 | $5\frac{1}{4}$ |
| 8. | 78 @ | 3 | 10 | " | 14 | 19 | 0 | |
| 9. | 85 @ | 7 | $1\frac{1}{2}$ | " | 30 | 5 | $7\frac{1}{2}$ | |
| 10. | 97 @ | 8 | $9\frac{1}{4}$ | " | 42 | 10 | $9\frac{1}{4}$ | |
| 11. | 102 @ | 1 | 9 | " | 8 | 18 | 6 | |
| 12. | 107 @ | 15 | $0\frac{3}{4}$ | " | 80 | 11 | $8\frac{1}{4}$ | |
| 13. | 113 @ | 5 | 6 | 3 | " | 600 | 6 | 3 |
| 14. | 122 @ | 0 | $3\frac{1}{4}$ | " | 1 | 13 | $0\frac{1}{4}$ | |
| 15. | 128 @ | 1 | 0 | 6 | " | 131 | 4 | 0 |
| 16. | 134 @ | 1 | $5\frac{1}{2}$ | " | 9 | 15 | 5 | |
| 17. | 140 @ | 3 | $3\frac{3}{4}$ | " | 23 | 3 | 9 | |
| 18. | 146 @ | 3 | 10 | 1 | " | 511 | 12 | 2 |
| 19. | 150 @ | 17 | 8 | " | 132 | 10 | 0 | |
| 20. | 153 @ | 6 | 10 | " | 52 | 5 | 6 | |

NOTE.—Multiplication by large numbers can also be performed, but such questions are more easily solved by practice.