



Tutorial 3



(1) Multiplying a 4-digit Number by a 1-digit Number

1. Multiply.



(a) $\begin{array}{r} 362 \\ \times 2 \\ \hline \end{array}$	(b) $\begin{array}{r} 605 \\ \times 4 \\ \hline \end{array}$	(c) $\begin{array}{r} 579 \\ \times 3 \\ \hline \end{array}$
(d) $\begin{array}{r} 853 \\ \times 6 \\ \hline \end{array}$	(e) $\begin{array}{r} 798 \\ \times 5 \\ \hline \end{array}$	(f) $\begin{array}{r} 476 \\ \times 4 \\ \hline \end{array}$
(g) $\begin{array}{r} 1529 \\ \times 3 \\ \hline \end{array}$	(h) $\begin{array}{r} 2315 \\ \times 7 \\ \hline \end{array}$	(i) $\begin{array}{r} 6832 \\ \times 5 \\ \hline \end{array}$
(j) $\begin{array}{r} 3046 \\ \times 4 \\ \hline \end{array}$	(k) $\begin{array}{r} 8950 \\ \times 6 \\ \hline \end{array}$	(l) $\begin{array}{r} 7894 \\ \times 9 \\ \hline \end{array}$
(m) $\begin{array}{r} 4627 \\ \times 8 \\ \hline \end{array}$	(n) $\begin{array}{r} 2148 \\ \times 5 \\ \hline \end{array}$	(o) $\begin{array}{r} 9251 \\ \times 4 \\ \hline \end{array}$

2. Find the product.



(a) $\begin{array}{r} 7007 \\ \times \quad 9 \\ \hline \end{array}$	(b) $\begin{array}{r} 9302 \\ \times \quad 7 \\ \hline \end{array}$	(c) $\begin{array}{r} 6500 \\ \times \quad 4 \\ \hline \end{array}$
(d) $\begin{array}{r} 9256 \\ \times \quad 6 \\ \hline \end{array}$	(e) $\begin{array}{r} 5376 \\ \times \quad 8 \\ \hline \end{array}$	(f) $\begin{array}{r} 8438 \\ \times \quad 7 \\ \hline \end{array}$
(g) $\begin{array}{r} 6161 \\ \times \quad 5 \\ \hline \end{array}$	(h) $\begin{array}{r} 8349 \\ \times \quad 6 \\ \hline \end{array}$	(i) $\begin{array}{r} 7284 \\ \times \quad 9 \\ \hline \end{array}$
(j) $\begin{array}{r} 4198 \\ \times \quad 8 \\ \hline \end{array}$	(k) $\begin{array}{r} 6243 \\ \times \quad 7 \\ \hline \end{array}$	(l) $\begin{array}{r} 9321 \\ \times \quad 4 \\ \hline \end{array}$
(m) $\begin{array}{r} 5135 \\ \times \quad 6 \\ \hline \end{array}$	(n) $\begin{array}{r} 9201 \\ \times \quad 8 \\ \hline \end{array}$	(o) $\begin{array}{r} 3389 \\ \times \quad 9 \\ \hline \end{array}$

3. Estimate the value of the following. Then multiply to find the actual answer.

(a) <u>Estimation:</u> 634×5 $\approx$ <u>Actual:</u> $\begin{array}{r} 634 \\ \times 5 \\ \hline \end{array}$	(b) <u>Estimation:</u> 482×9 $\approx$ <u>Actual:</u> $\begin{array}{r} 482 \\ \times 9 \\ \hline \end{array}$	(c) <u>Estimation:</u> 843×7 $\approx$ <u>Actual:</u> $\begin{array}{r} 843 \\ \times 7 \\ \hline \end{array}$
(d) <u>Estimation:</u> 3515×4 $\approx$ <u>Actual:</u> $\begin{array}{r} 3515 \\ \times 4 \\ \hline \end{array}$	(e) <u>Estimation:</u> 4021×8 $\approx$ <u>Actual:</u> $\begin{array}{r} 4021 \\ \times 8 \\ \hline \end{array}$	(f) <u>Estimation:</u> 7996×6 $\approx$ <u>Actual:</u> $\begin{array}{r} 7996 \\ \times 6 \\ \hline \end{array}$