

(A) Write the place value and the face value of the underlined digits.

		Place Value	Face Value
(1)	238 <u>1</u> 0843		
(2)	<u>6</u> 879568		
(3)	56 <u>0</u> 78956		

(B) Find the actual product. Estimate the products to the nearest 10 and 100.

	Actual Product	Product to the nearest 10	Product to the nearest 100
(1)	$\begin{array}{r} 145 \\ \times 112 \\ \hline \end{array}$	$\begin{array}{r} 145 \rightarrow \text{nearest tens} = \underline{\quad} \\ \times 112 \rightarrow \text{nearest tens} = \times \underline{\quad} \\ \hline \end{array}$	$\begin{array}{r} 145 \rightarrow \text{nearest hundreds} = \underline{\quad} \\ \times 112 \rightarrow \text{nearest hundreds} = \times \underline{\quad} \\ \hline \end{array}$
(2)	$\begin{array}{r} 378 \\ \times 612 \\ \hline \end{array}$	$\begin{array}{r} 378 \rightarrow \text{nearest tens} = \underline{\quad} \\ \times 612 \rightarrow \text{nearest tens} = \times \underline{\quad} \\ \hline \end{array}$	$\begin{array}{r} 378 \rightarrow \text{nearest hundreds} = \underline{\quad} \\ \times 612 \rightarrow \text{nearest hundreds} = \times \underline{\quad} \\ \hline \end{array}$
(3)	$\begin{array}{r} 902 \\ \times 384 \\ \hline \end{array}$	$\begin{array}{r} 902 \rightarrow \text{nearest tens} = \underline{\quad} \\ \times 384 \rightarrow \text{nearest tens} = \times \underline{\quad} \\ \hline \end{array}$	$\begin{array}{r} 378 \rightarrow \text{nearest hundreds} = \underline{\quad} \\ \times 612 \rightarrow \text{nearest hundreds} = \times \underline{\quad} \\ \hline \end{array}$
(4)	$\begin{array}{r} 587 \\ \times 140 \\ \hline \end{array}$	$\begin{array}{r} 587 \rightarrow \text{nearest tens} = \underline{\quad} \\ \times 140 \rightarrow \text{nearest tens} = \times \underline{\quad} \\ \hline \end{array}$	$\begin{array}{r} 587 \rightarrow \text{nearest hundreds} = \underline{\quad} \\ \times 140 \rightarrow \text{nearest hundreds} = \times \underline{\quad} \\ \hline \end{array}$

Answer Key for the Worksheet

(A) Write the place value and the face value of the underlined digits.

		Place Value	Face Value
(1)	238 <u>1</u> 0843	10000	1
(2)	<u>6</u> 879568	6000000	6
(3)	56 <u>0</u> 78956	0	0

(B) Find the actual product. Estimate the products to the nearest 10 and 100.

	Actual Product	Product to the nearest 10	Product to the nearest 100
(1)	$\begin{array}{r} 145 \\ \times 112 \\ \hline 16240 \end{array}$	$\begin{array}{r} 145 \rightarrow \text{nearest tens} = \underline{150} \\ \times 112 \rightarrow \text{nearest tens} = \times \underline{110} \\ \hline 16500 \end{array}$	$\begin{array}{r} 145 \rightarrow \text{nearest hundreds} = \underline{100} \\ \times 112 \rightarrow \text{nearest hundreds} = \times \underline{100} \\ \hline 10000 \end{array}$
(2)	$\begin{array}{r} 378 \\ \times 612 \\ \hline 231336 \end{array}$	$\begin{array}{r} 378 \rightarrow \text{nearest tens} = \underline{380} \\ \times 612 \rightarrow \text{nearest tens} = \times \underline{610} \\ \hline 231800 \end{array}$	$\begin{array}{r} 378 \rightarrow \text{nearest hundreds} = \underline{400} \\ \times 612 \rightarrow \text{nearest hundreds} = \times \underline{600} \\ \hline 240000 \end{array}$
(3)	$\begin{array}{r} 902 \\ \times 384 \\ \hline 346368 \end{array}$	$\begin{array}{r} 902 \rightarrow \text{nearest tens} = \underline{900} \\ \times 384 \rightarrow \text{nearest tens} = \times \underline{380} \\ \hline 342000 \end{array}$	$\begin{array}{r} 378 \rightarrow \text{nearest hundreds} = \underline{900} \\ \times 612 \rightarrow \text{nearest hundreds} = \times \underline{400} \\ \hline 360000 \end{array}$
(4)	$\begin{array}{r} 587 \\ \times 140 \\ \hline 82180 \end{array}$	$\begin{array}{r} 587 \rightarrow \text{nearest tens} = \underline{590} \\ \times 140 \rightarrow \text{nearest tens} = \times \underline{140} \\ \hline 82600 \end{array}$	$\begin{array}{r} 587 \rightarrow \text{nearest hundreds} = \underline{600} \\ \times 140 \rightarrow \text{nearest hundreds} = \times \underline{100} \\ \hline 60000 \end{array}$