

Multiplying with Rectangles

Complete the rectangles for each multiplication problem. Then solve. The first one is an example. Estimate to see if your answer is reasonable.

Example

$14 \times 32 = \underline{448}$

	30	2	
10	$10 \times 30 = 300$	$10 \times 2 = 20$	$\begin{array}{r} 300 \\ 120 \\ 20 \\ + 8 \\ \hline 448 \end{array}$
4	$4 \times 30 = 120$	$4 \times 2 = 8$	

1. $17 \times 25 = \underline{\hspace{2cm}}$

	20	5	
10	$10 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	$10 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	$\begin{array}{r} \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} \\ + \underline{\hspace{2cm}} \\ \hline \end{array}$
$\underline{\hspace{2cm}}$	$7 \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$	$7 \times 5 = \underline{\hspace{2cm}}$	