

Area Model Example

Please use this example to help you with your homework. Keep this sheet at home.

Area Model for Multiplication

2 digit $\times$ 1 digit

$$27 \times 4$$

$$20 \quad + \quad 7$$

4		
	$20 \times 4 = 80$	$7 \times 4 = 28$

$$80 + 28 = 108$$



Area Model Multiplication

2 digit $\times$ 2 digit

$$25 \times 83$$

	20	5
80	80×20 1,600	80×5 400
3	3×20 60	3×5 15

$$\begin{array}{r} 1,600 \\ 400 \\ 60 \\ + 15 \\ \hline 2,075 \end{array}$$