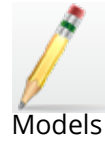
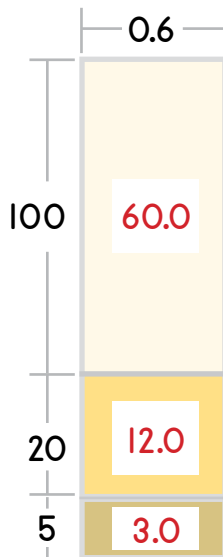


Name: \_\_\_\_\_ Date: \_\_\_\_\_



Complete the models by filling in the empty boxes.

Example



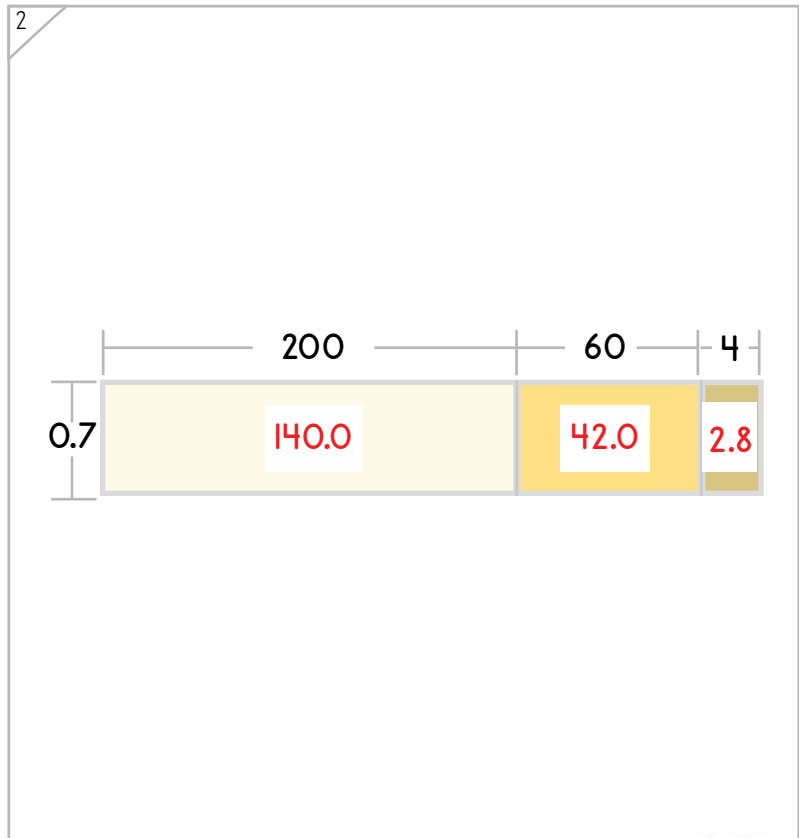
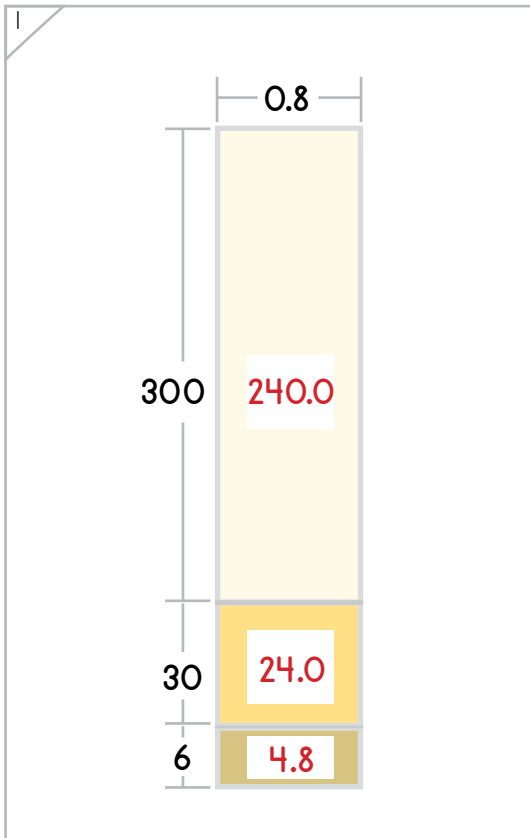
The area of each rectangle is missing.

The top rectangle has sides of 100 and 0.6.  
 $100 \times 0.6 = 60.0$

The middle rectangle has sides of 20 and 0.6.  
 $20 \times 0.6 = 12.0$

The bottom rectangle has sides of 5 and 0.6.  
 $5 \times 0.6 = 3.0$

ANSWER KEY




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Make each model and number sentence match.

1

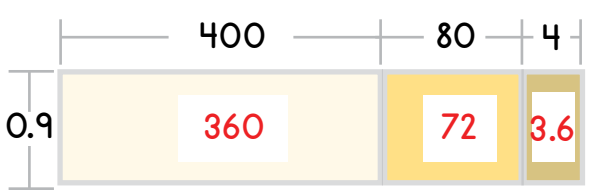


$$\begin{array}{r}
 233 \\
 \times 0.6 \\
 \hline
 120.0 \\
 18.0 \\
 1.8 \\
 \hline
 139.8
 \end{array}$$

200  $\times$  0.6 = 120.0  
 30  $\times$  0.6 = 18.0  
 3  $\times$  0.6 = 1.8

ANSWER KEY

2



$$\begin{array}{r}
 484 \\
 \times 0.9 \\
 \hline
 360.0 \\
 72.0 \\
 3.6 \\
 \hline
 435.6
 \end{array}$$

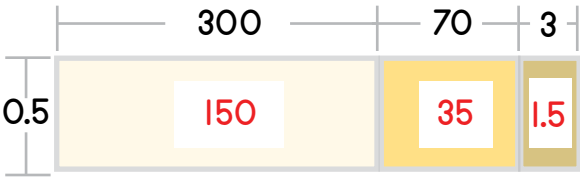
400  $\times$  0.9 = 360.0  
 80  $\times$  0.9 = 72.0  
 4  $\times$  0.9 = 3.6

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Make each model and number sentence match.

1

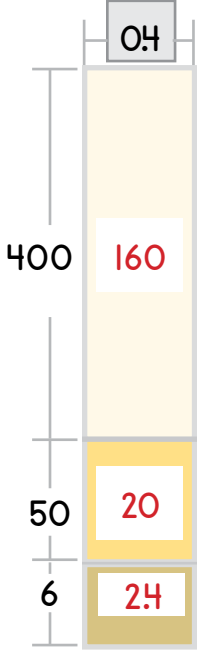


Area model showing a rectangle divided into three sections with widths 300, 70, and 3, and a height of 0.5. The sections contain the products 150, 35, and 1.5 respectively.

$$\begin{array}{r}
 \phantom{0.}0.5 \\
 \times 373.0 \\
 \hline
 150.0 \\
 35.0 \\
 1.5 \\
 \hline
 186.5
 \end{array}$$

$300 \times 0.5 = 150$   
 $70 \times 0.5 = 35$   
 $3 \times 0.5 = 1.5$

2



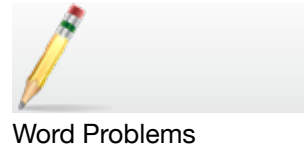
Area model showing a vertical rectangle divided into three sections with heights 400, 50, and 6, and a width of 0.4. The sections contain the products 160, 20, and 2.4 respectively.

$$\begin{array}{r}
 456.0 \\
 \times 0.4 \\
 \hline
 160.0 \\
 20.0 \\
 2.4 \\
 \hline
 182.4
 \end{array}$$

$400 \times 0.4 = 160$   
 $50 \times 0.4 = 20$   
 $6 \times 0.4 = 2.4$



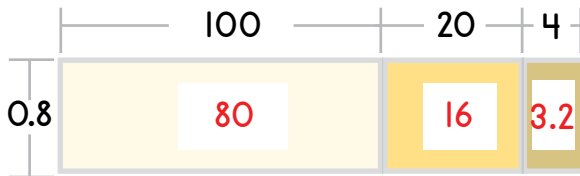
Name: \_\_\_\_\_ Date: \_\_\_\_\_



Create a model and number fact to match each description.

The width of the rectangle is 124, and the height is 0.8:

Model:



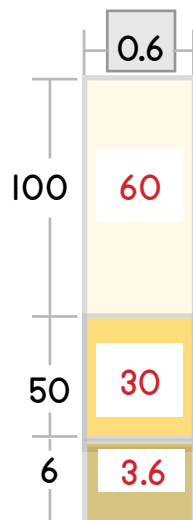
Number Fact:

$$\begin{array}{r} \phantom{\times} \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{\times} \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \times \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \hline \phantom{+} \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{+} \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{+} \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ + \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \hline \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ + \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \hline \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ + \phantom{1} \phantom{2} \phantom{5} \phantom{0} \phantom{.} \phantom{0} \\ \hline 99.2 \end{array}$$

ANSWER KEY

There are 156 rows, and each row is 0.6 units wide:

Model:



Number Fact:

$$\begin{array}{r} \phantom{\times} \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{\times} \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \times \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \hline \phantom{+} \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{+} \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{+} \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ + \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \hline \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ + \phantom{1} \phantom{5} \phantom{6} \phantom{0} \phantom{.} \phantom{0} \\ \hline 93.6 \end{array}$$

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