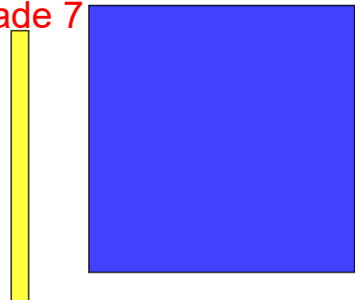
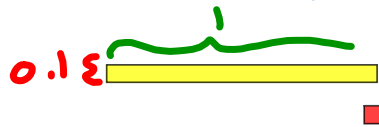
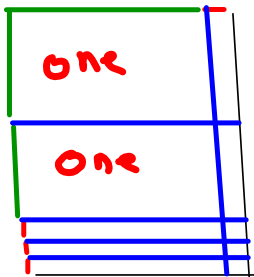


Warm Up Grade 7



Model and answer

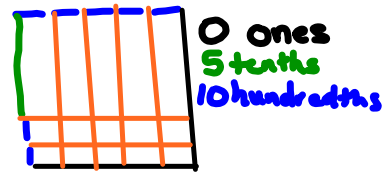
a) 1.1×2.3



2 ones
5 tenths
3 hundredths

$$\begin{array}{r} 2.00 \\ + 0.50 \\ + 0.03 \\ \hline 2.53 \end{array}$$

b) 0.5×1.2

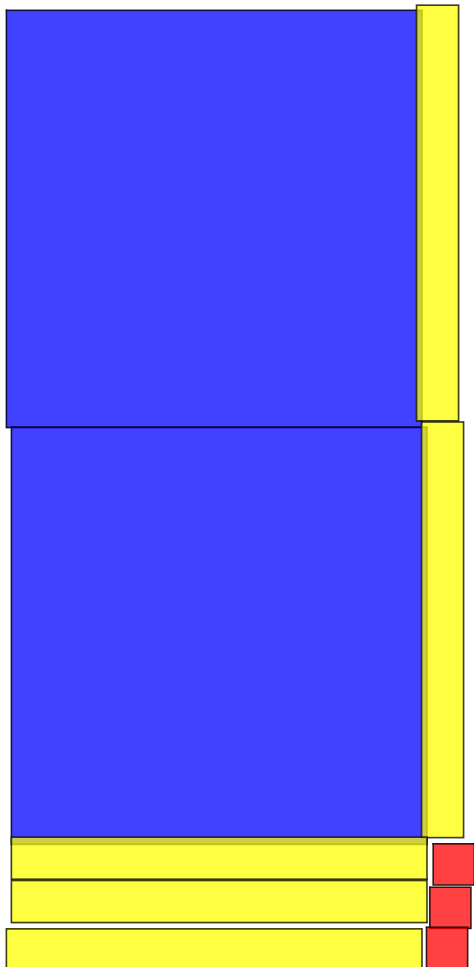


$$\begin{array}{r} 0.00 \\ + 0.50 \\ + 0.10 \\ \hline 0.60 \end{array}$$

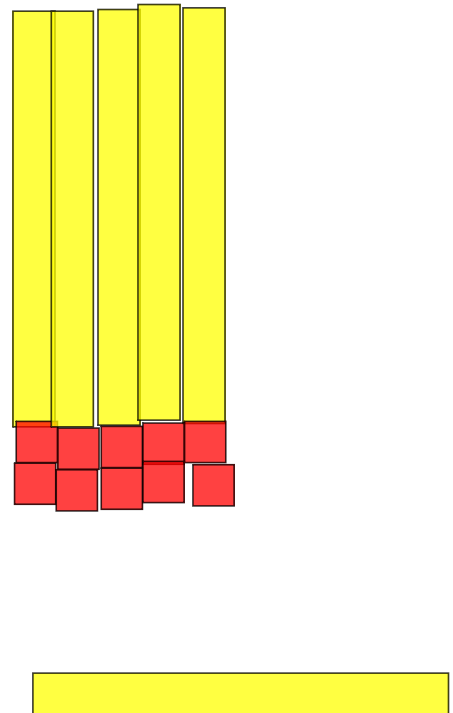
Warm Up Grade 7 solutions

Model and answer

a) 1.1×2.3

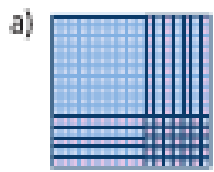


b) 0.5×1.2

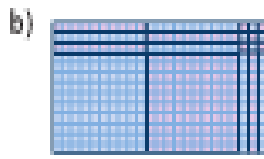


1. Write the product that each picture represents.

Each small square represents 0.01.

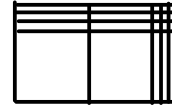


1.7×1.5
1 whole
12 tenths
35 hundredths



$+ 1.2$
 $+ 0.35$
 $\underline{2.55}$

2.3×1.3
2 wholes
9 tenths
9 hundredths
 $+ 0.9$
 $\underline{0.09}$
 2.99



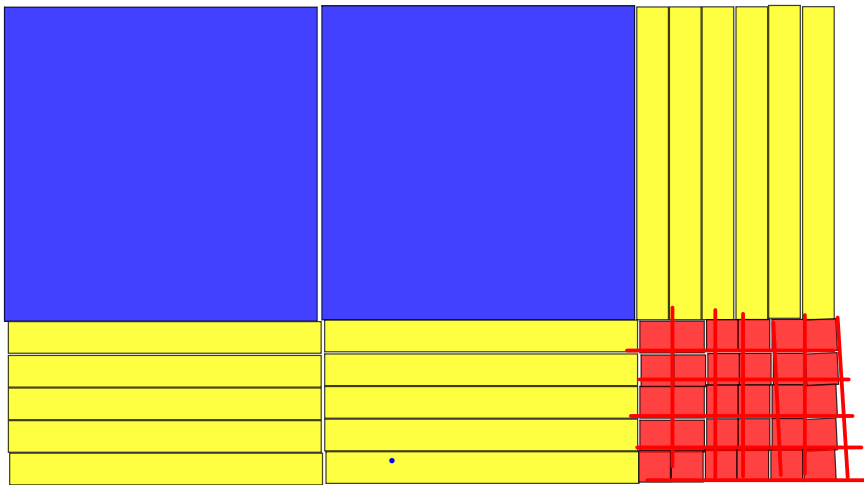
2. Use Base Ten Blocks to find each product.

Record your work on grid paper.

a) 2.6×1.5

b) 2.3×0.4

c) 0.8×0.7

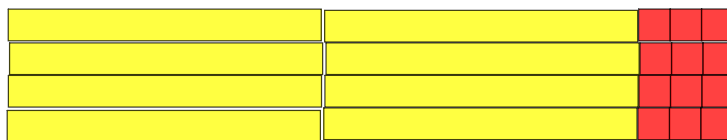


2 wholes
16 tenths
30 hundredths
 $+ 1.6$
 $\underline{0.30}$
 3.90

3. Choose one part from question 2.

Explain how the Base Ten Blocks show the product.

b) 2.3×0.4

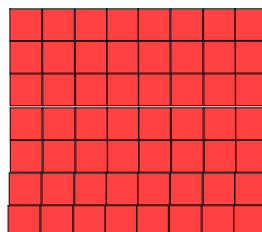


8 tenths
12 hundredths

0.8
 $+ 0.12$
 $\underline{0.92}$

2.3
 $\times 0.4$
 $\underline{0.92}$

c) 0.8×0.7



56 hundredths
0.56

0.8
 $\times 0.7$
 $\underline{0.56}$

You multiply decimals the same way you multiply whole, but you have to remember to put the decimal in the proper position in your answer.

Try the following:

(a) 2.46×0.58

$$\begin{array}{r}
 \overset{2}{2}.\overset{3}{4}6 \\
 \times \quad .58 \\
 \hline
 1968 \\
 +12300 \\
 \hline
 1.4268
 \end{array}$$

↑ ↑ ↑ ↑

(b) 3.9×1.68

$$\overset{1}{3}9 \times \overset{2}{1}.\overset{2}{6}8$$

$$\begin{array}{r}
 \overset{2}{1}.\overset{2}{6}8 \\
 \times \quad 3.9 \\
 \hline
 1512 \\
 + 5040 \\
 \hline
 6.552
 \end{array}$$

↑ ↑ ↑

$$\begin{array}{r} 2.07 \\ x 31.6 \\ \hline 1242 \\ 2070 \\ + 62100 \\ \hline 65.412 \end{array}$$