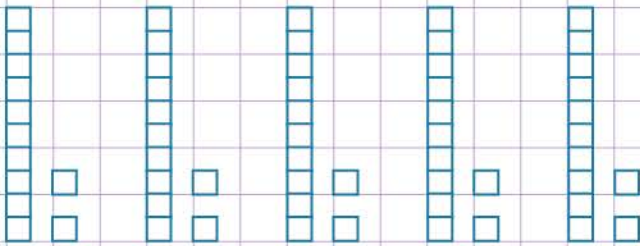


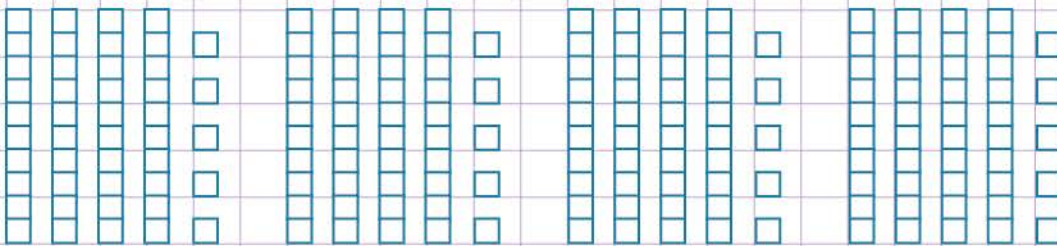
Name: Class:

Multiply by a one digit whole number: using blocks

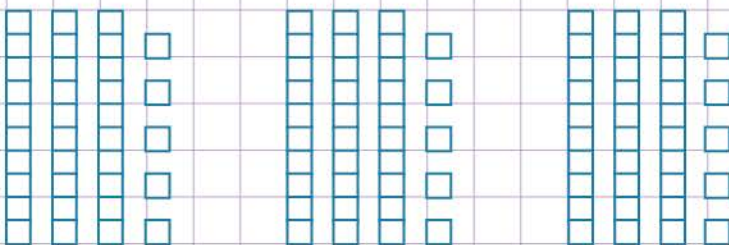
1. Use the model below to help you find the product of 5×0.12 .



2. Use the model below to help you find the product of 4×0.45 .



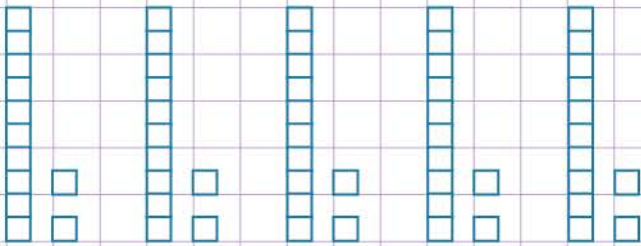
3. Use the model below to help you find the product of 3×0.35 .



Name: Class:

Multiply a decimal by a one-digit whole number using blocks

1. Use the model below as an aid to find the product of **5 x 0.12**.



Let's first of all find the number shown in each group of the blocks.
Each group shows 1-tenth and 2- hundredths (**0.02**)

Secondly, to find the product of 5×0.12 , use the model as an aid to find the total number of hundredths in all the 5 groups of blocks.

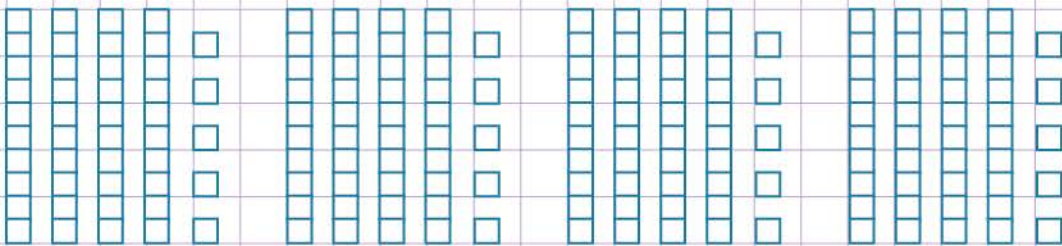
$$5 \times 2\text{-hundredths} = 5 \times 0.02 = 0.1.$$

Now, find the total number of tenths in all the 5 groups of blocks
 $5 \times 1\text{-tenth} = 0.5.$

Finally, let's add the results, $0.1 + 0.5 = 0.6.$

So, $5 \times 0.12 = 0.6.$

2. Use the model below as an aid to find the product of **4 x 0.45**.



Let's first of all find the number shown in each group of the blocks.
Each group shows 4-tenths and 5- hundredths (**0.05**).

Secondly, to find the product of 4×0.45 , use the model as an aid to find the total number of hundredths in all the 4 groups of blocks.

$$4 \times 0.05 = 0.2.$$

Now, find the total number of tenths in all the 4 groups of blocks.
 $4 \times 0.4 = 1.6$

Finally, let's add the results, $0.2 + 1.6 = 1.8.$

So, $4 \times 0.45 = 1.8.$