Name: .... Class: ....
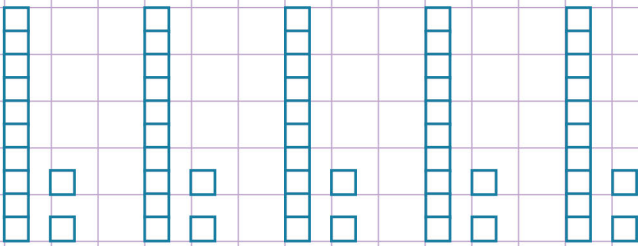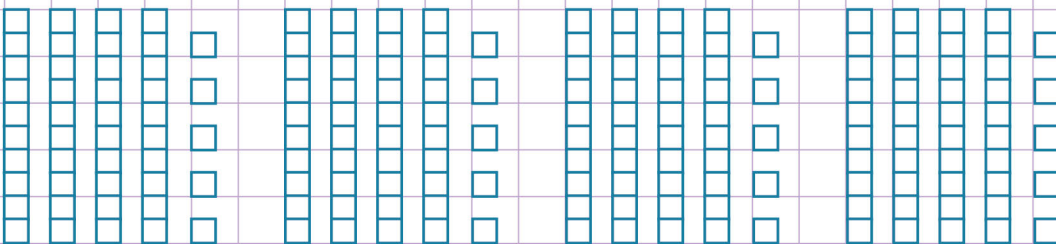
Multiply by a one digit whole number: using blocks

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

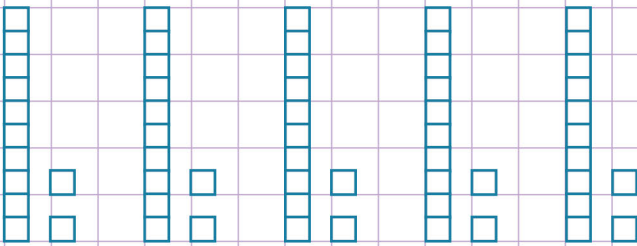**2.** Use the model below to help you find the product of **4 x 0.45**

mathskills4kids

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 x 0.12, use the model as an aid to
find the total number of hundredths in all the 5 groups of blocks.
5 x 2-hundredths = 5 x 0.02 = 0.1
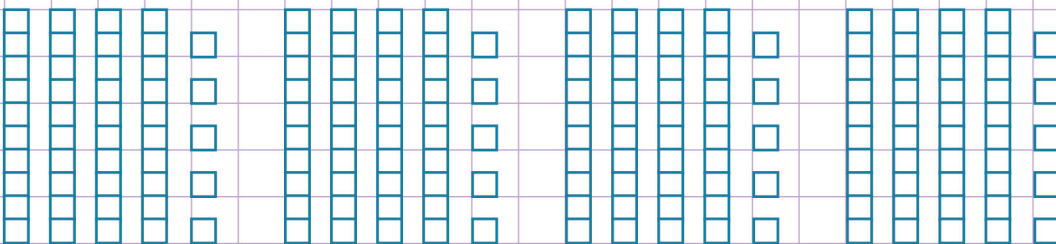Now, find the total number of tenths in all the 5 groups of blocks
5 x 1-tenth = 0.5
Finally, let's add the results, 0.1 + 0.5 = 0.6

So, 5 x 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 x 0.45, use the model as an aid to
find the total number of hundredths in all the 4 groups of blocks
4 x 0.05 = 0.2
Now, find the total number of tenths in all the 4 groups of blocks
4 x 0.4 = 1.6
Finally, let's add the results, 0.2 + 1.6 = 1.8

So, 4 x 0.45 = 1.8