[show two blobs with numbers (12 x 2)]

Multiplying a number of two or more digits can be tricky, but I will show you a trick to help with this problem!

But first, let’s take a quick look at two math concepts that we’ll use for this special trick.

[show area illustration]

In order to find the area of a rectangle, you must multiply its width and height.

As you can see, each individual blocks represents the sum total of both values multiplied.

[show distributive illustration]

The distributive property allows you to distribute a number to a group.

When it comes to solving an equation with a large number, you can split it into a sum of smaller numbers to make it easier to solve.

[show two blobs connected with 3rd blob, with illustration of each steps]

With the use of the distributive property, and visualizing it as solving the area of a rectangle, multiplying big numbers is not too bad at all.

[show tutorial board]

Now I’d like you to give it a try, and see for yourself!

[display drag instruction and visual indicator]

[once two blobs are connected, show distribute phase]  
[show clicking hand point gesture on the box]

Here we will be splitting the numbers by multiples of 10. Simply click on the boxed number to split it!

[wait for distribute to end, show next phase: evaluate]

Now, simply compute the product of each sub areas by using the numpad and pressing on the enter button.

[wait for completion, show next phase: sums]

Finally, we add the products together to form the final product! Use the numpad to compute each digit of the number.

[final product blob, connect, clear board]

Excellent, now you are ready to banish the blobs!

[proceed to level 1] (or level intro)