[show blobs with numbers]

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

Let’s take a quick look at a math concept that is used for this special trick.

[distributive illustration]

By using the distributive property, we can split a large number up into smaller pieces, compute each one, and add it all back together.

[area illustration of split up numbers]

To help visualize this, we will consider these smaller pieces as chunks of a rectangle’s area.

As you can see, the rectangle is split into two.

Then we compute the area of those two rectangles.

And finally, we add those two areas together to get the area of the whole rectangle.

[show tutorial board]

Let’s give it a try. Connect these two blobs to initiate the attack!

[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)