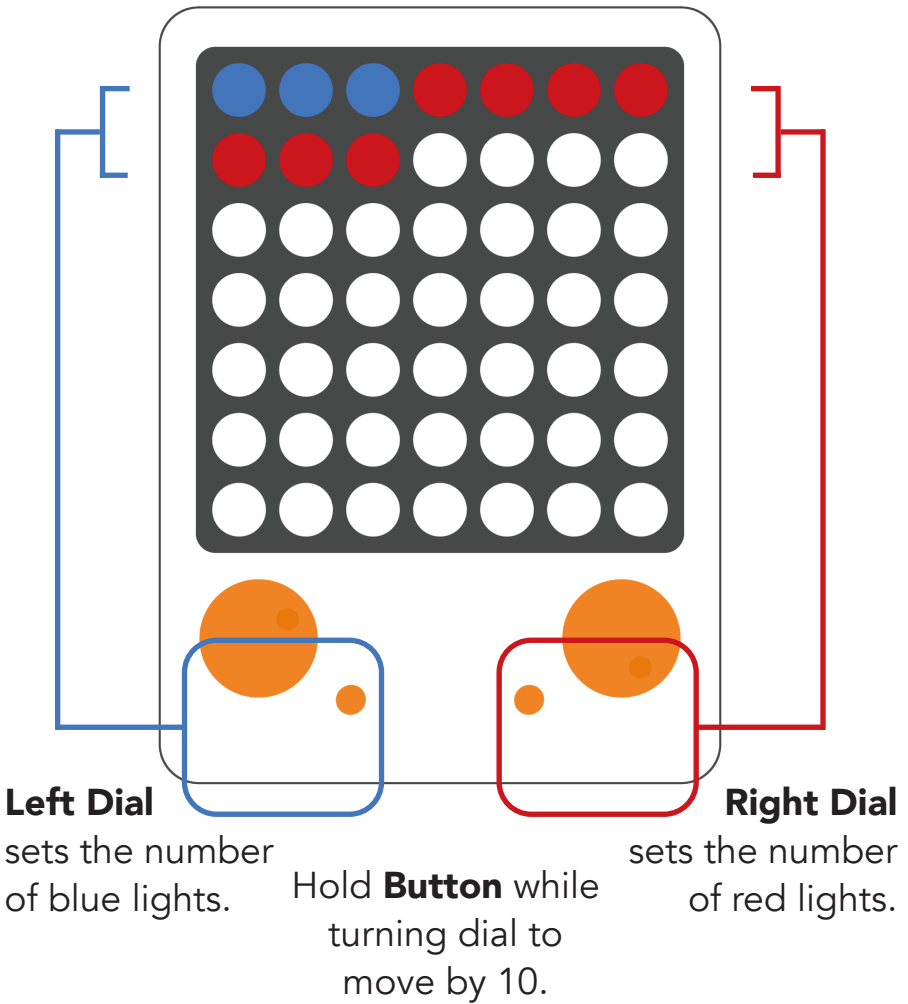
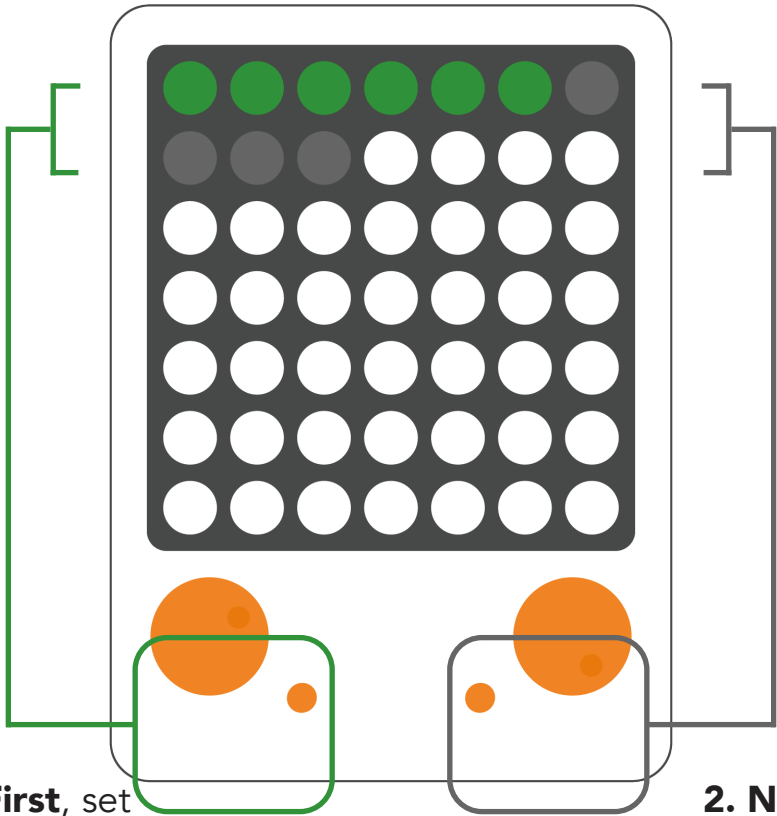


# ADDITION



# SUBTRACTION

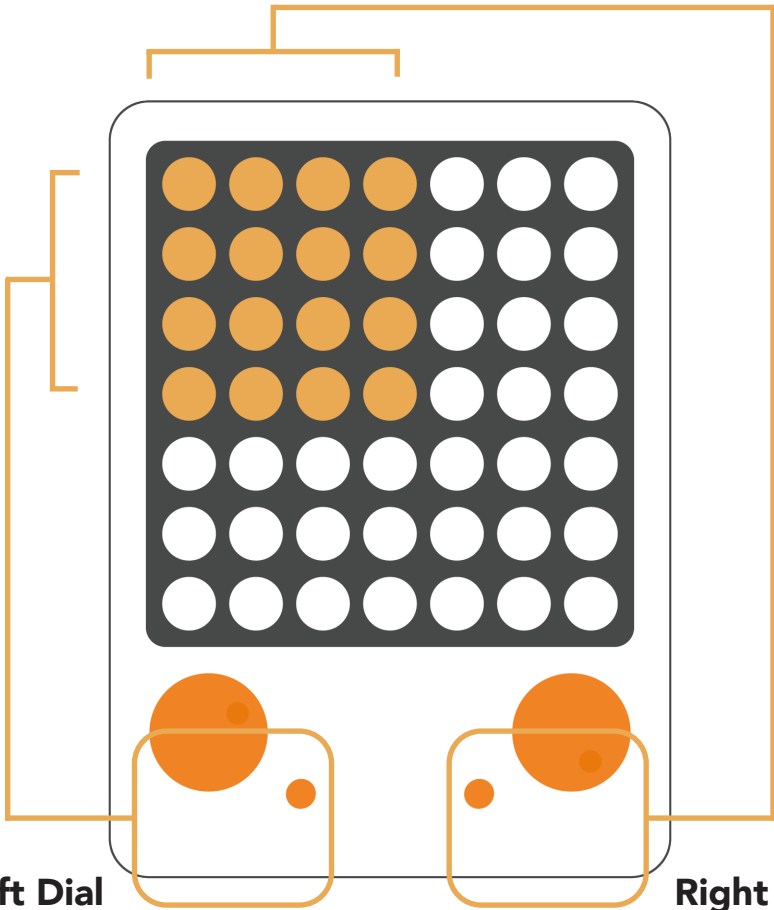


**1. First,** set the total number of lights with the **Left Dial.**

Hold **Button** while turning dial to move by 10.

**2. Next,** subtract lights from the total with the **Right Dial.**

# MULTIPLICATION



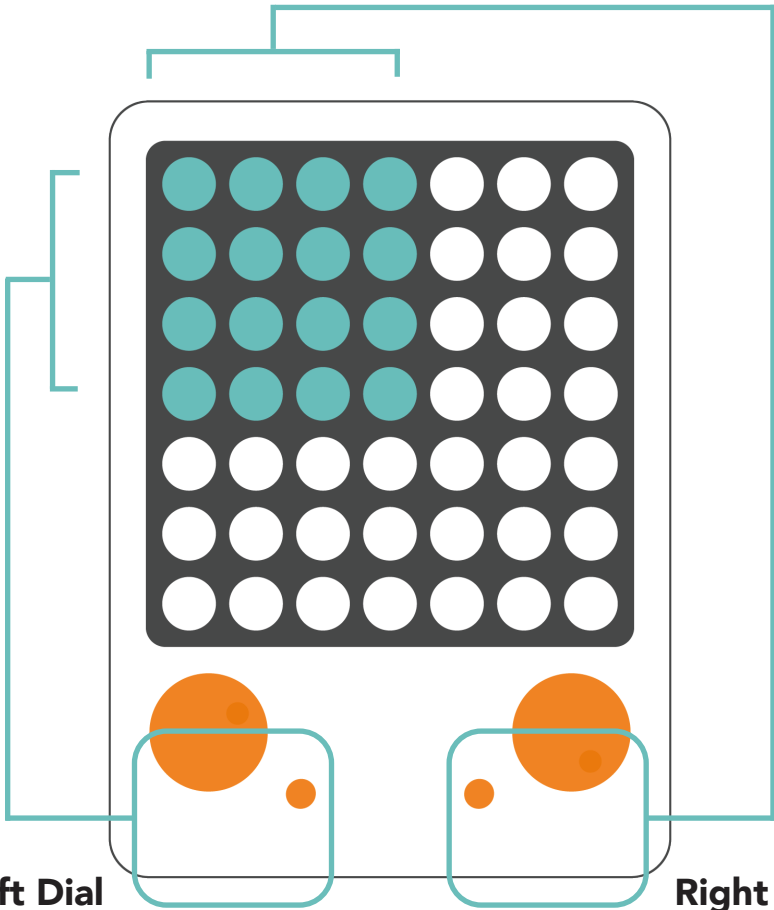
**Left Dial**

sets the number  
of rows.

**Right Dial**

sets the number  
of lights in  
each row.

# DIVISION



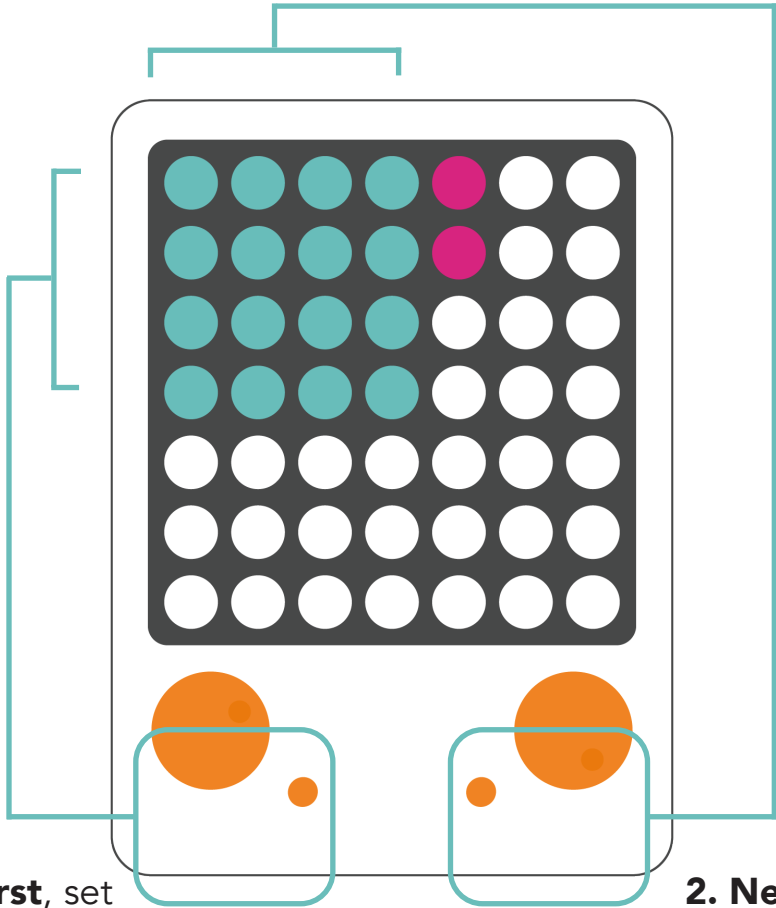
**Left Dial**

sets the number  
of rows.

**Right Dial**

sets the number  
of lights in  
each row.

# DIVISION WITH REMAINDERS



**1. First,** set the divisor with the **Left Dial**.

**2. Next,** set the dividend, the total number of lights, with the **Right Dial**.



# GLOWGRID: ACTIVITY MODES

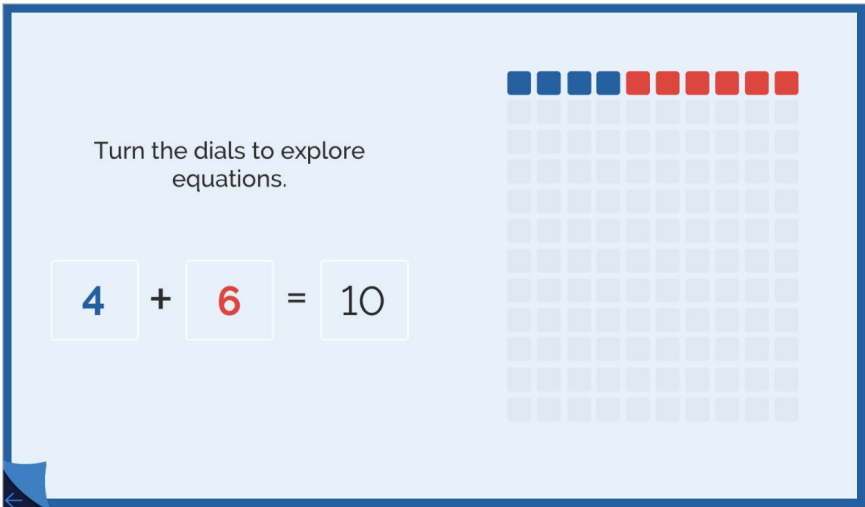
## EXPLORE

Choose your operation.



Tap the compass symbol  for Explore mode.

Turn the dials and see what happens on the LED board. Keep turning and see how the equation changes in the app.






# GLOWGRID: ACTIVITY MODES

## MAKE

Choose your operation     

Tap the magnifying glass symbol  for Make mode.

Turn the dials to make the target number. Tap the Check button. If you are correct, you will see the equation show up in one of the boxes. Your goal is to find different combinations to fill up all of the boxes.

Make four number sentences with a sum of **fifteen**.

$7 + 8 = 15$



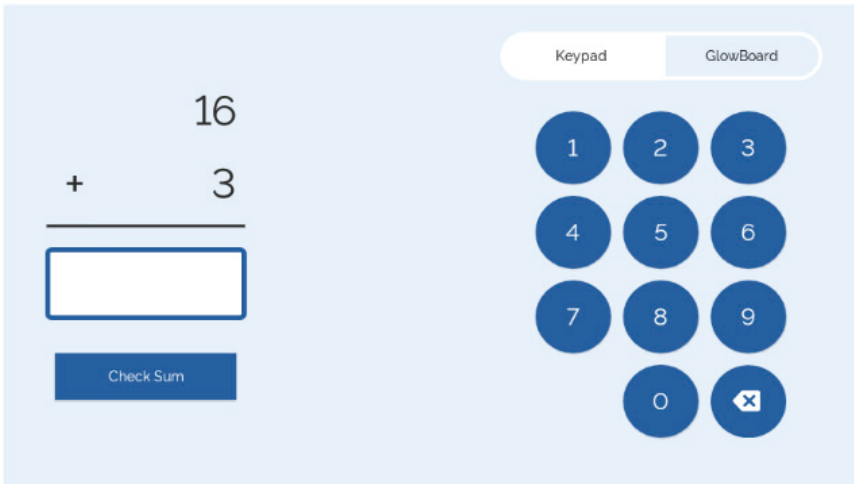
# GLOWGRID: ACTIVITY MODES

## SOLVE

Choose your operation.     

Tap the equals symbol  for Solve mode.

Turn the dials to model the problem shown in the app. Enter an answer with the number buttons, then tap the Check button. If you are correct, you will see a "That's Correct!" message.







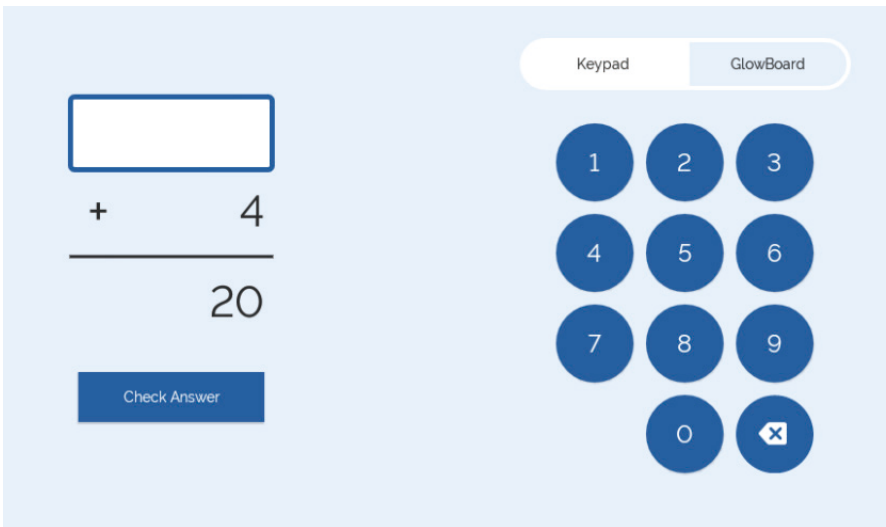
# GLOWGRID: ACTIVITY MODES

## FIND

Choose your operation.     

Tap the question mark  for Find mode.

Turn the dials to model the problem shown in the app. Enter an answer with the number buttons, then tap the Check button. If you are correct, you will see a "That's Correct!" message.



The screenshot shows the GlowGrid app interface. On the left, there is a math problem displayed as a vertical addition: a blank box above a plus sign and the number 4, followed by a horizontal line and the number 20. Below the problem is a blue button labeled "Check Answer". On the right, there is a keypad with two tabs: "Keypad" (selected) and "GlowBoard". The keypad contains buttons for digits 1 through 9, 0, and a clear button (X).