Cross Number Puzzle

Individual or Partner Activity

Materials: Cross Number Puzzle Mats; base ten blocks; dry erase markers

Directions:

Choose a Cross Number Puzzle Mat (Challenge or Open).

Open- Use your base ten blocks to find the amount for the unknown boxes that will make each row or column add up to 100. Draw or write the amount in each box.

Challenge- Use your base ten blocks to find the amount for the unknown boxes that will make each row or column add up to 100. Draw or write the amount in each box. All of the gray boxes need to be the same number on the mat.

What could be the largest number that could go in the gray boxes if they are all the same? _____
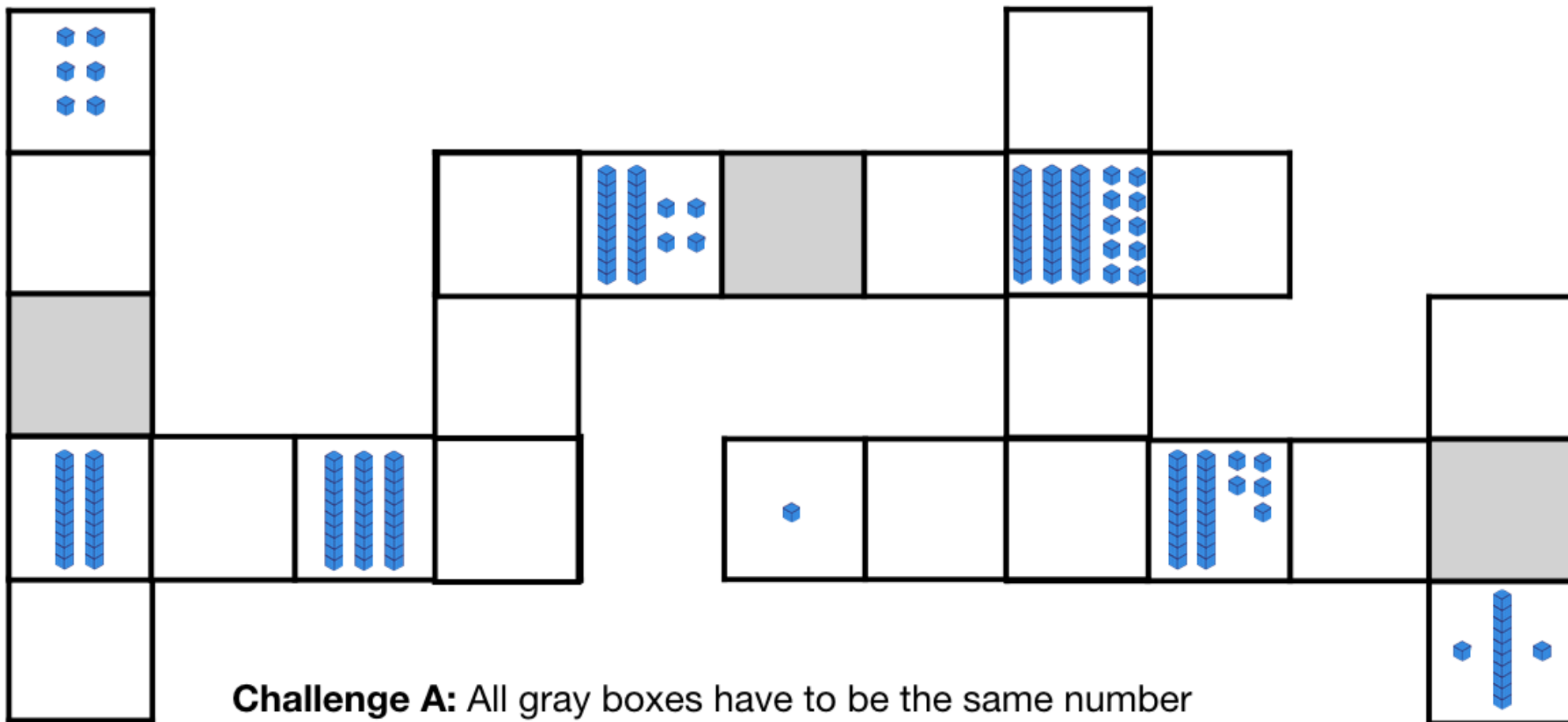
Exit Ticket:

A. You have two unknown boxes and one box that shows 34. Draw what could go in the two unknown boxes to make 100.

B. Make your own Cross Number Puzzle mat. Be sure to solve it to show the solution.

Each row or column adds to 100.
What could go in the boxes?

Challenge A: All gray boxes have to be the same number
Challenge B: If all gray boxes are all the same number,
what is the largest number that could go in the gray boxes?

#CrossNumberPuzzle
#CrossWordPuzzle

Each row or column adds to 100.
What could go in the boxes?