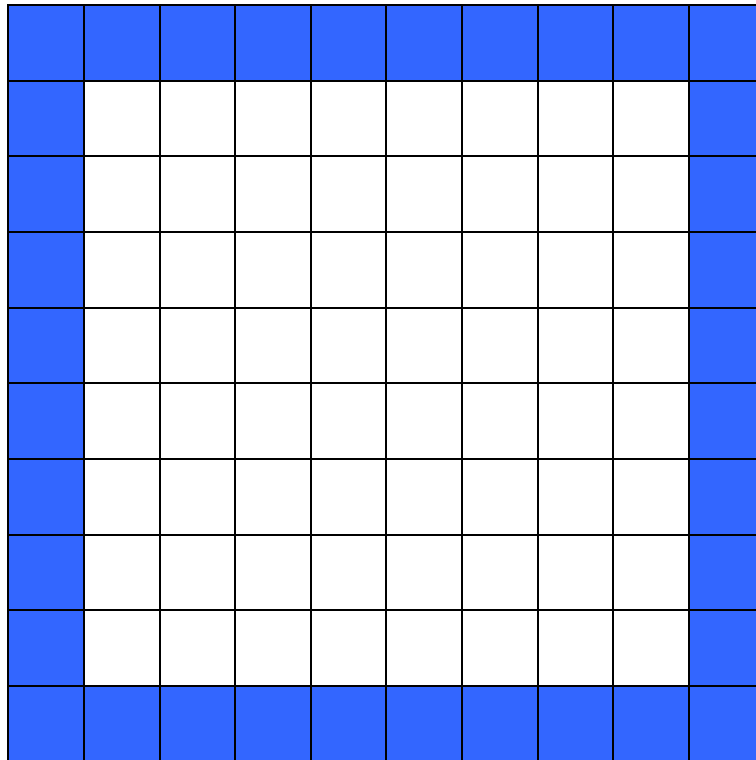


The Border Problem

Without counting one by one, determine how many blue squares are in this 10×10 grid



Boaler & Humphreys, 2005

For a detailed lesson plan visit <http://mathsolutions.com/PDFs/CollectionOfMathLessons.pdf>

Extensions:

1. What would your answer be if it were a 12 X 12 grid?
2. What would your answer be if it were a 100 X 100 grid?