

HOMEWORK: 1 – 27 odd

OBJECTIVES:

- ❖ Use base-ten blocks to compute whole number multiplication and division problems
- ❖ Make a pictorial model for arithmetic algorithms
- ❖ Use and demonstrate use of partial products, square grid, and repeated subtraction models

MULTIPLICATION ALGORITHMS:

1. **Partial Products Algorithm:**

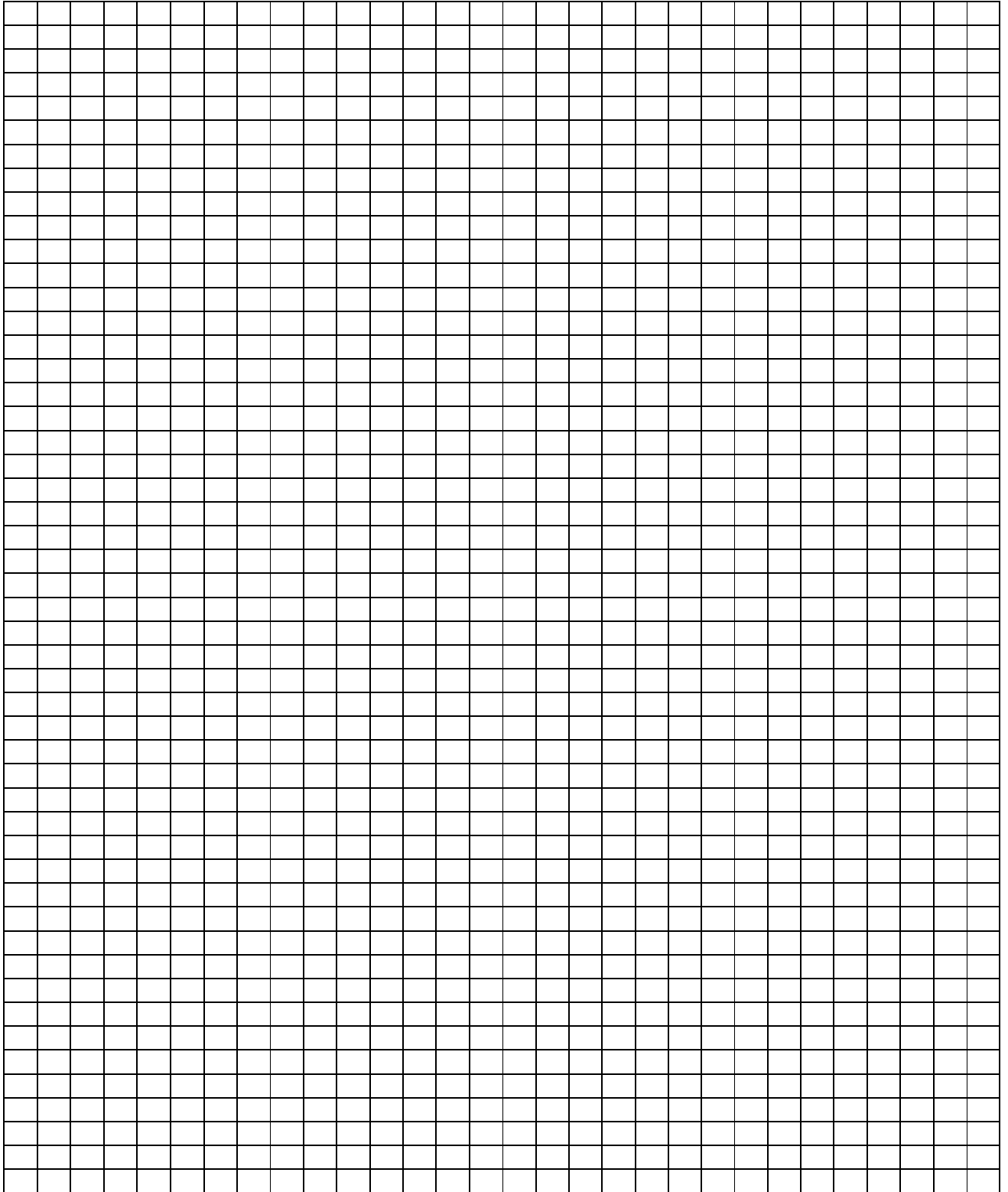
Find 32×15 using partial products

2. **Base-ten Blocks**

Find 15×3 using the base-ten blocks

3. **Square Grid Model (Graph paper)**

Find 32×15 using the grid model



DIVISION ALGORITHMS:

4. Base-ten Blocks

Use base-ten blocks to find $870 \div 4$.

5. Repeated Subtraction (or scaffold) algorithm:

Compute $870 \div 21$ with the repeated subtraction algorithm, then use the standard algorithm.