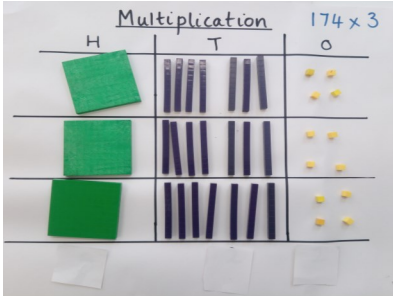


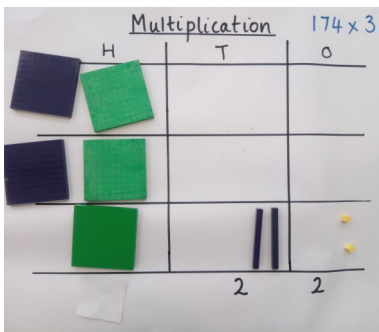
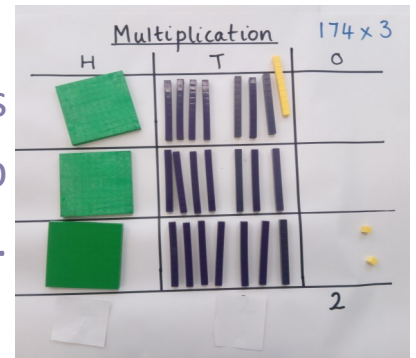


Written Calculation Policy—Multiplication



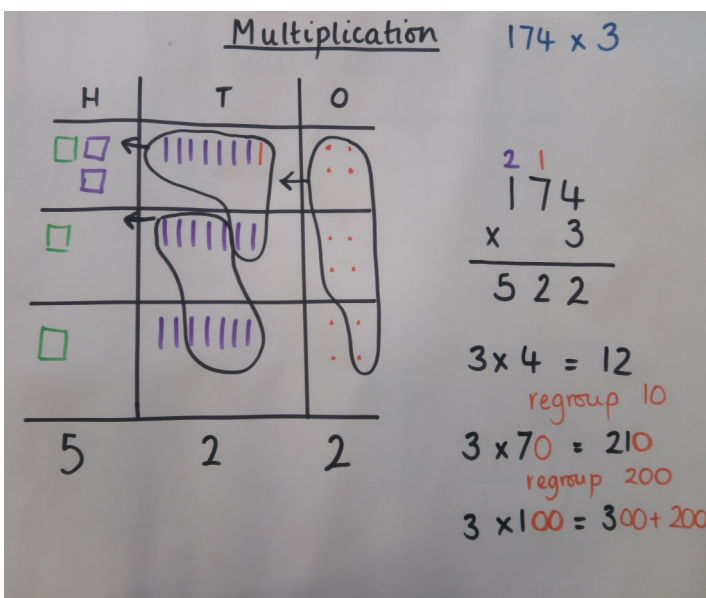
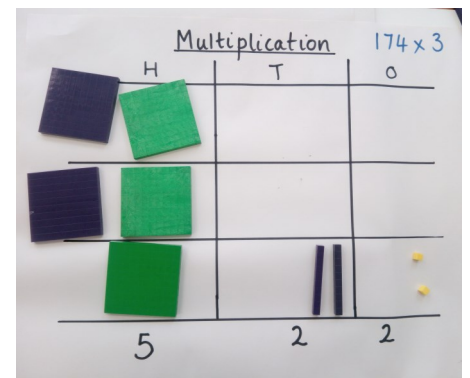
1. Lay out grid as shown, using Diennes for the larger factor (173) and the smaller factor to show how many rows (3)

2. Starting at the ones column, regroup any tens into the tens column. E.g. $4 \times 3 = 12$ so regroup one ten and write a 2 in the answer space.



3. Similarly, regroup any tens into the hundreds column e.g. $7 \times 3 = 21$ so regroup two hundreds, then add the regrouped ten and write 2 in the answer space.

4. Finally, the calculation for the hundreds column is $1 \times 3 + 2 = 5$



Use the pictorial alongside the formal method to bridge children's understanding of how the formal method works.