

Figure 5.11: Leslie's annotated public record about x5.

Goal 2: x5	
factor x factor = product (groups) (amount) (total) Mathematical Practice Standard 8: "Look for and express regularity in repeated reasoning" (NGA & CCSSO, 2010a).	
Odd number x 5	Even numbers x 5
Groups +2 groups $1 \times 5 = 5$ +10 +2 groups $3 \times 5 = 15$ +10 +2 groups $5 \times 5 = 25$ +10 +2 groups $7 \times 5 = 35$ +10 +2 groups $9 \times 5 = 45$ +10 Odd numbers Amount is always 5. 5 in the ones place. Product is odd.	Groups +2 groups $2 \times 5 = 10$ +10 +2 groups $4 \times 5 = 20$ +10 +2 groups $6 \times 5 = 30$ +10 +2 groups $8 \times 5 = 40$ +10 +2 groups $10 \times 5 = 50$ +10 Even numbers Amount is always 5. Multiples of 10. Product is even. 0 in the ones place.