Unit 7 Module 2
One-By-Two-Digit Multiplication
Session 1

Problem String-Partial Products
Problems and Investigations-Story Problems and Arrays

Getting Ready-

- Student Journals
- Base ten area and linear pieces
- TM T1

- Use the area model for multiplication to illustrate the distributive property
- Multiply a 2-digit whole number by a 1-digit whole number

Vocabulary

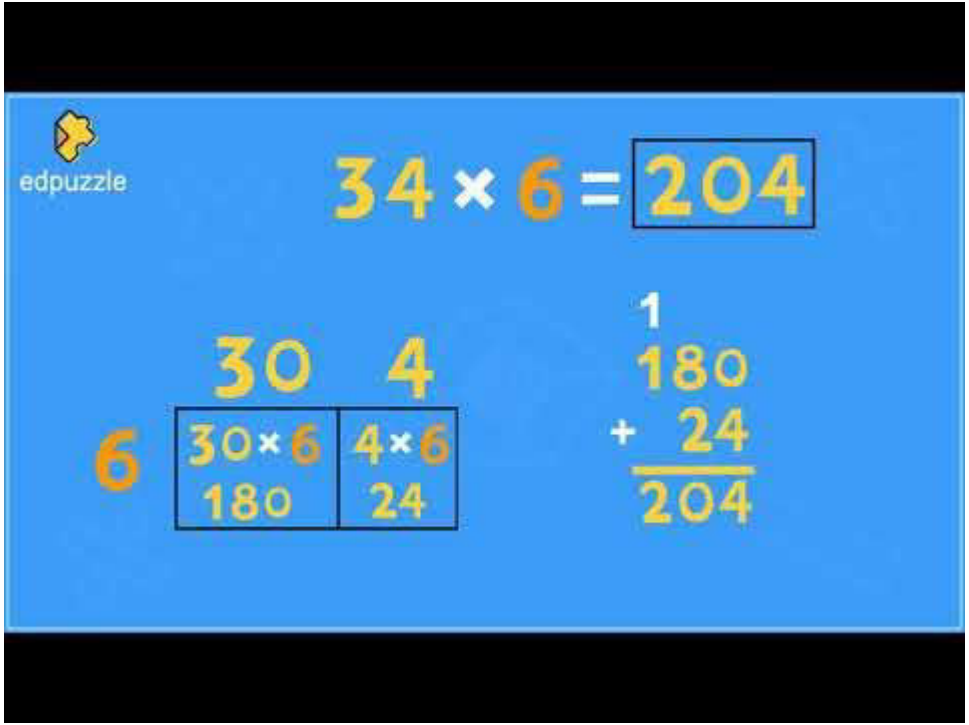
Array

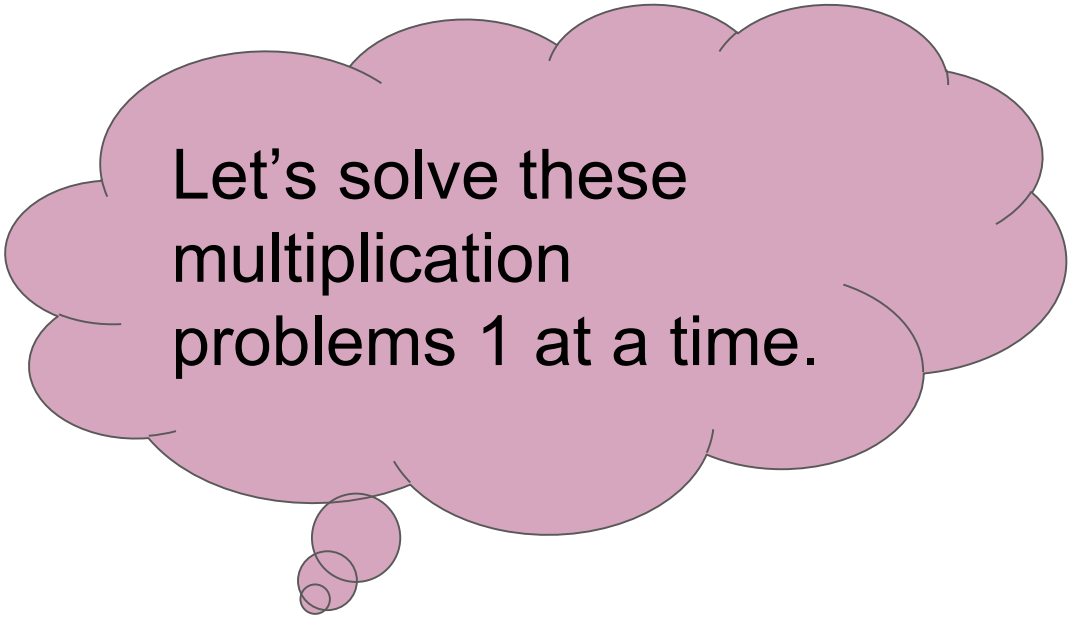
Estimate

multiply

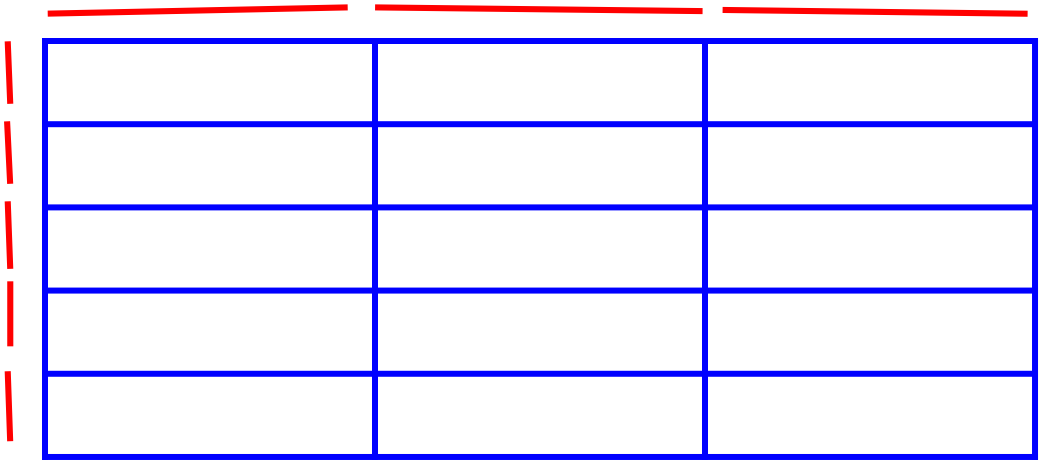
In your journal, write the date and

“Partial Products”


edpuzzle
34 × 6 = 204
30 4
6
30×6 4×6
180 24
1
180
+ 24
204


Let’s solve these multiplication problems 1 at a time.

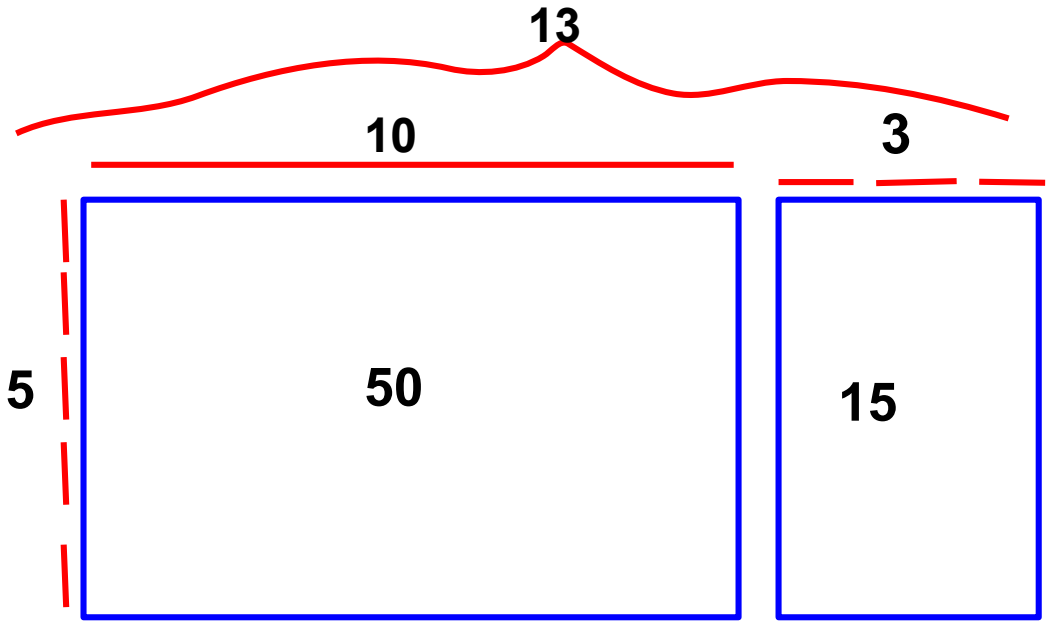
5x3= ☐



5, 10, 15 **or** 3, 6, 9,12,15

5x10=

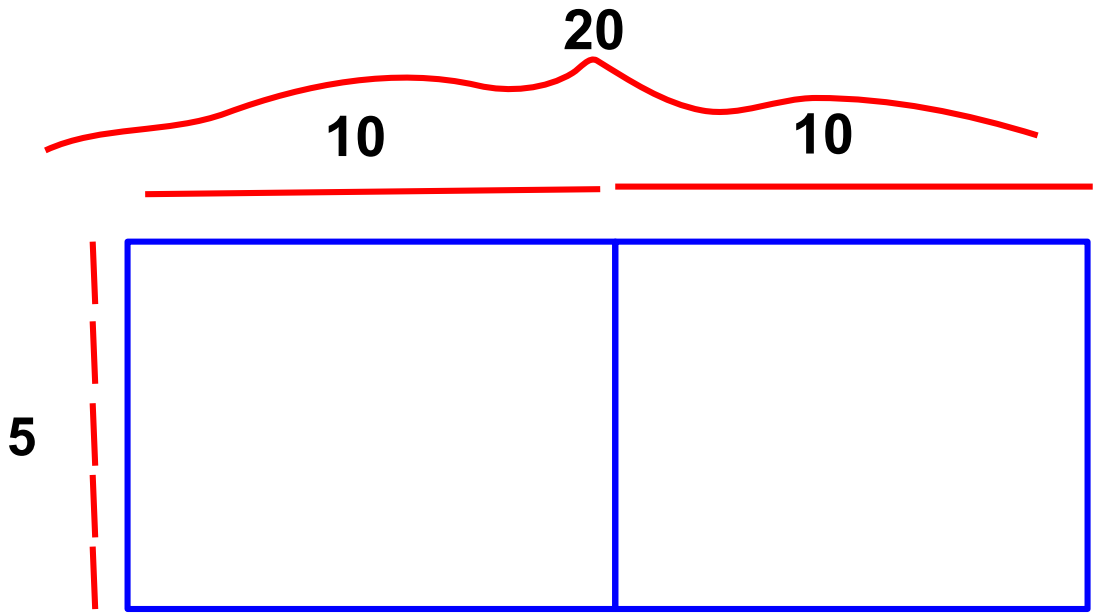
$5 \times 13 = \square$



5x13= (5x10) + (5x3)

5x10=50
+ 5x3 =15
=65

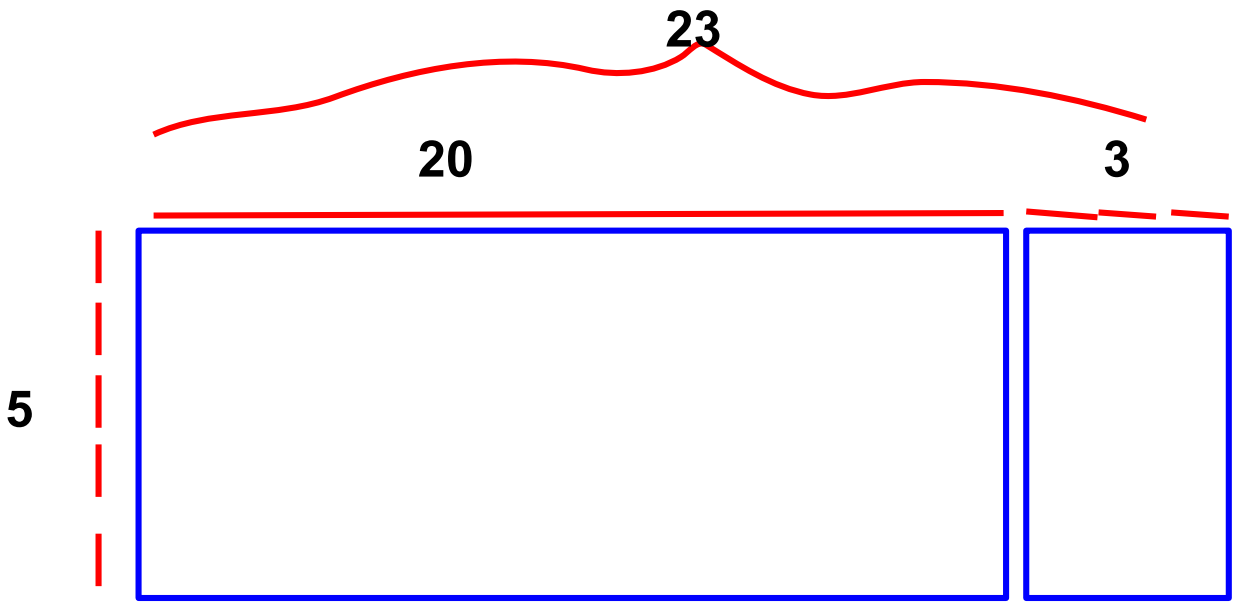
5x20= □



5x20= (5x10) + (5x10)

5x10= 50
+5x10= 50
=100

5x23=



5x23= (5x20) + (5x3)

5x20=100
+ 5x 3 = 15
115

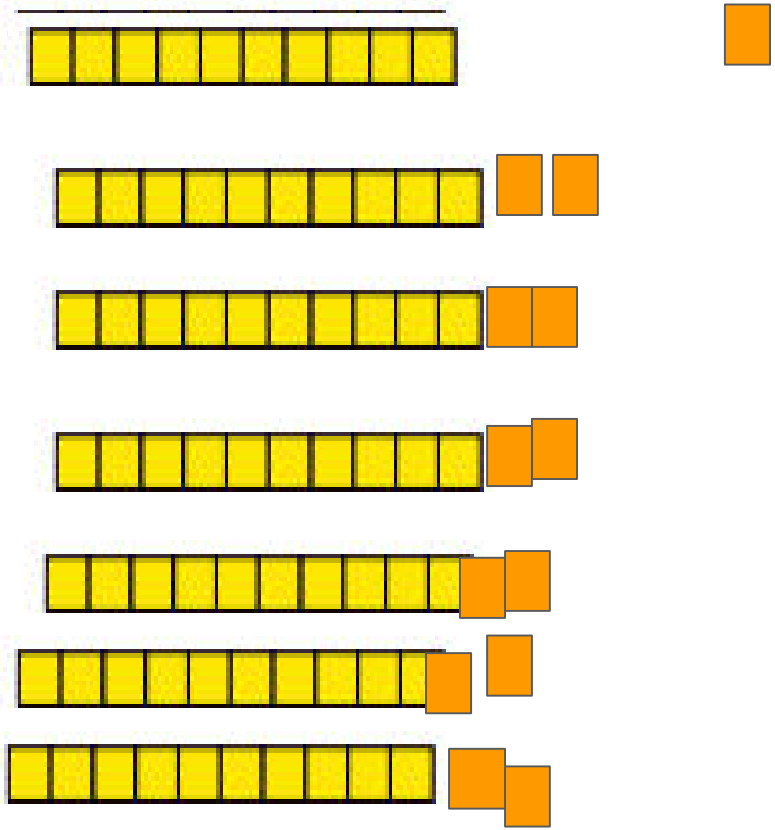
Problems and Investigations- Story Problems and Arrays

Pass out base ten linear and area blocks to pairs

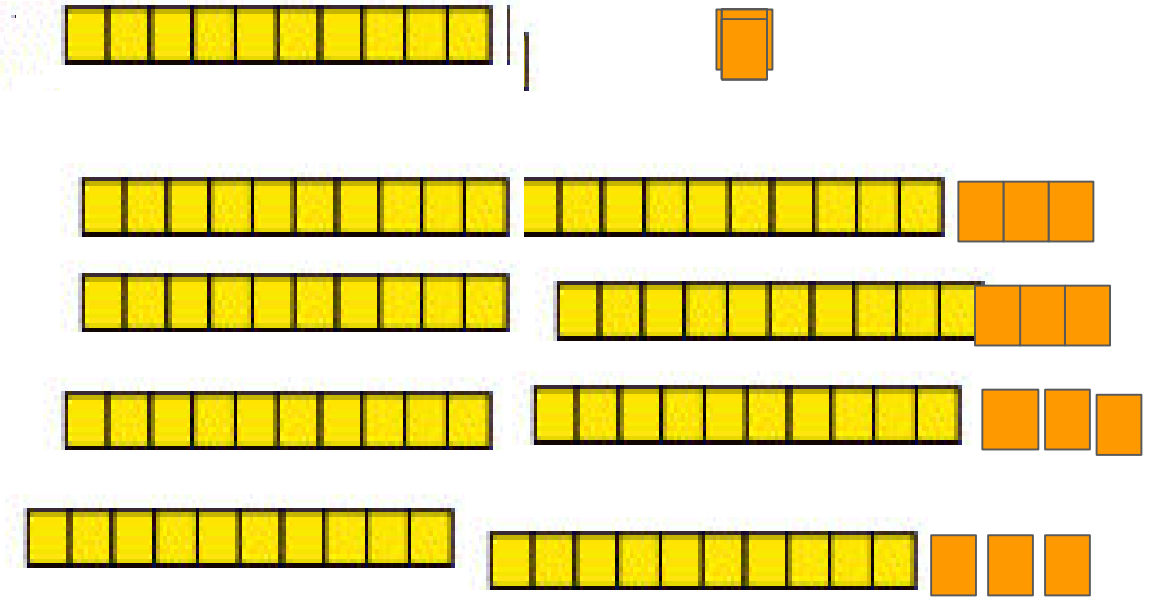
Remote and Blended, see next slide

1. Maggie had 6 chickens. If each chicken laid a dozen eggs, how many eggs did they lay in all?

Use the base ten blocks to show how to solve this problem in an array



2. There are 8 members in Sarah’s band. Each member needs to sell 23 raffle tickets to raise money for the band to play in a contest. If each member sells 23 tickets, how many tickets will the band have sold in all?



Daily Practice

SB 232-Sandwiches, Pizza, and Books