Unit 7 Module 2 Session 3

Problem String-More Partial Products
Problems and Investigations-Mystery Arrays

Getting Ready-

- Student Journals
- TM T3 Base Ten Grid Paper
- TM T4 Small Base Ten Grids
- Base Ten Blocks
- Red, black, and blue markers or colored pencils

Vocabulary

Array

Dimension

Estimate

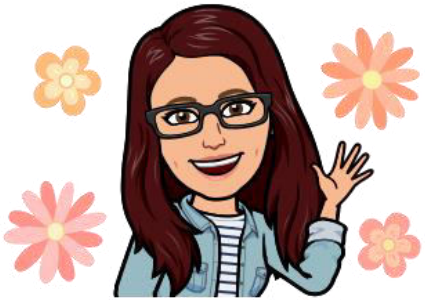
Factor

Multiply

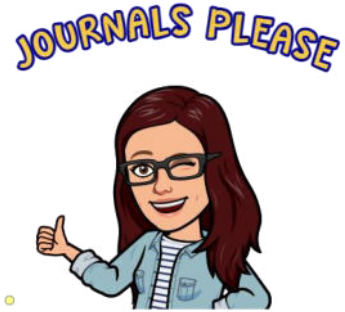
Partial products

Product

I CAN



- Multiply using the distributive property
- Multiply whole numbers from 1-9 by multiples of 10 from 10-90 using strategies based on place value



Title: **Problem String-More Partial Products**

Date:

1. 6x10 - sketch an array to show the product

Reveal

Reveal

2. 6x4=

3. 6x14=

Can you use the distributive property on this one?

4. 6x20

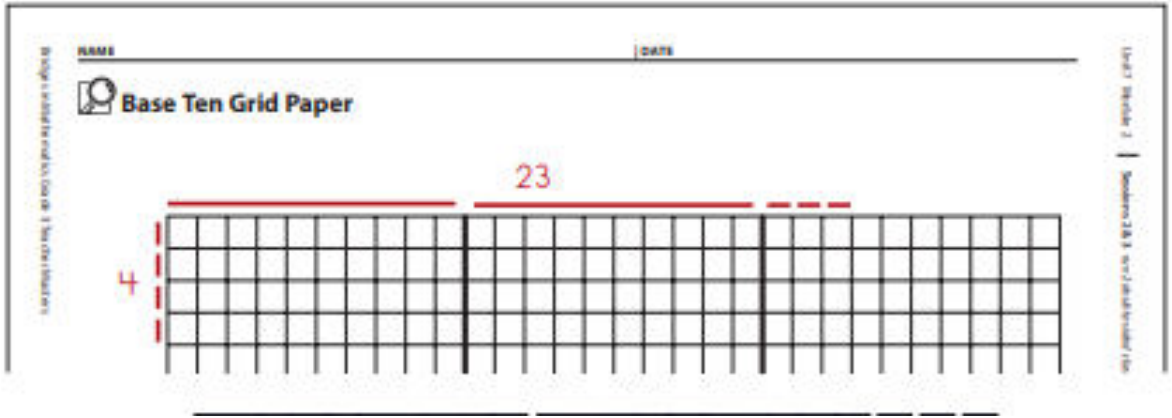
Can knowing 6x10 be helpful here?

READY FOR A CHALLENGE?

5. 16x10

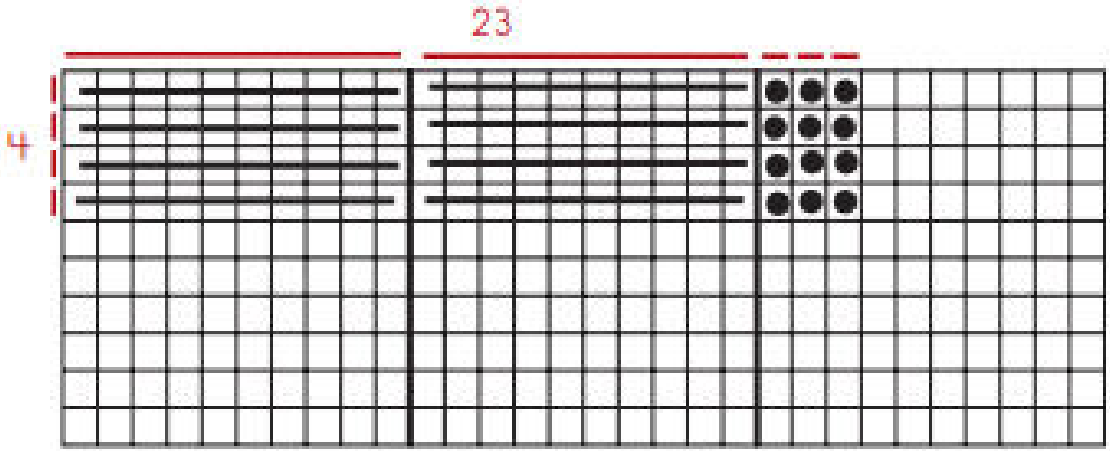
6. 16x4=

Problems and Investigations-Mystery Arrays



NAME | DATE

Base Ten Grid Paper



40 + 40 = 80
4 x 3 = 12
80 + 12 = (92)

4 x 25 = 100
4 x 2 = 8
100 - 8 = (92)

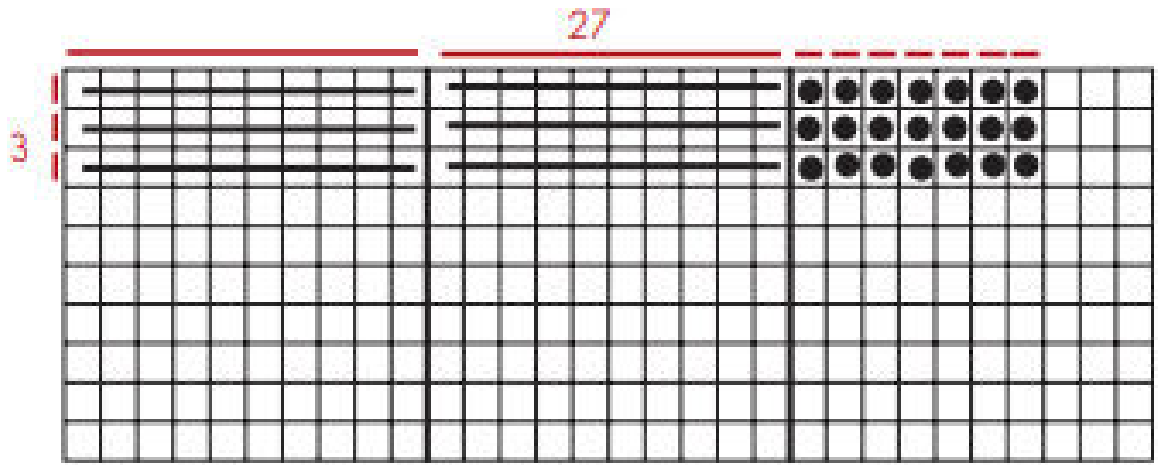
20 x 4 = 80
6 + 6 = 12
80 + 12 = (92)

CHOICES, CHOICES, CHOICES

Any other ways?

NAME Twan DATE 4/15

Base Ten Grid Paper



3 x 27 =

60 + 21 = 81

Student partners can build arrays and leave on their desk. Partners walk around (can use the Small Base Ten Grid sheet here) and guess the "mystery" arrays of others.

Daily Practice

SB 234 Working With Equations