Unit 7 Module 2 Session 4

Problems and Investigations-Making Posters for One-By-Two Arrays

Getting Ready-

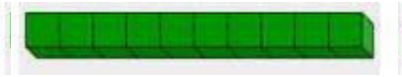
- TM T5 Poster Directions
- TM T6 Strips and Units (make poster)
- Base Ten Blocks
- 24" x 30" pieces of chart paper (1/2) class set
- Glue/ scissors/ red, black, and blue markers/pencils

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

What is 4x3? Build it.

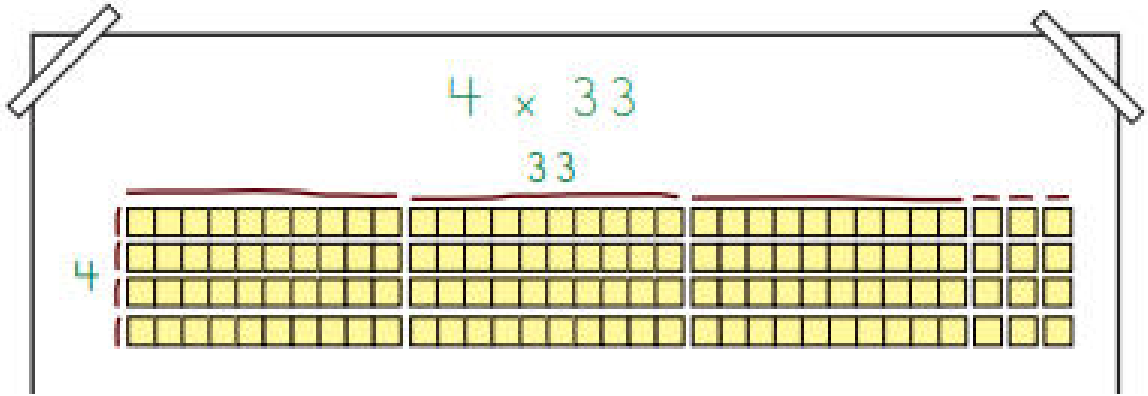
4x30? Build it.

What similarities do they have?
What differences do they have?



Can be Student Slide

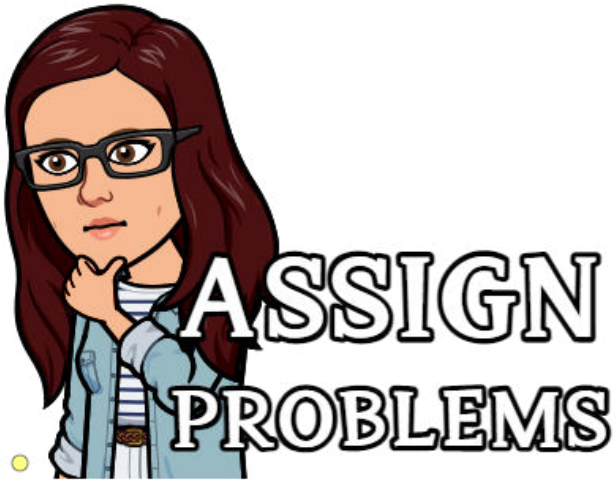
Show students the pre-make poster and ask how they would solve it.
(write ideas on poster)
Remote-see next slide


4 x 33
33
4

Time to make a poster!!

Poster Directions

1. Use linear pieces to show the dimensions of your array on your desk or table top.
2. Use base ten area pieces to fill in your array.
3. Cut out and glue paper base ten pieces to make your array on your poster.
4. Use a red marker to draw the linear pieces for the dimensions on the left side of the array, and also along the top of the array.
5. Use a black marker to label the dimensions.
6. Write equations below the array showing at least two different ways to find the product. Your work should be clear enough that someone can read it and understand exactly how you solved the problem without talking to you about it.
7. Give your poster a title that includes the combination you solved.
8. Write your names in the bottom right corner of the poster.
9. CHALLENGE. Add one or more of the following to your poster:
   - Equations that show a third, and even a fourth way to get the answer.
   - A fact family to match your array—2 multiplication and 2 division equations.
   - A story problem to match your combination.

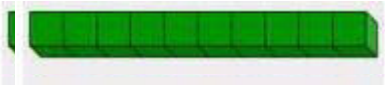


3×12, 3×15, 4×12, 4×15

5×15, 5×20 6×13, 6×14

7×12, 7×15 6×21, 6×23

Remote-assign slide



Type name of poster here

Daily Practice

SB 235- Multiplication Review

Home Connection

HC 129-130-More Multiplication Review