

Unit 2 Module 2 Session 4

Problem String- More Windows for Wally

Problems and Investigations- More Number line Puzzles

Getting Ready-

- TM T6 More Watertown Windows
- SB 51 More Number Line Puzzles
- Student Math Journals
- Adding machine tape measuring strips for 4's, 5's, 9's, 10's (see preparation)
- Tape

VOCABULARY

Equation

Variable



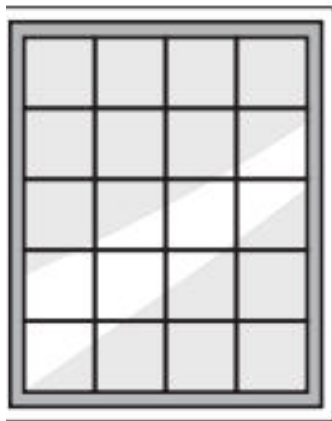
- Write story problems of describe problem situations to match a multiplication expression or equation
- Solve for the unknown (variable) in a multiplication equation involving 3 whole numbers
- Fluently multiply with products to 100 using strategies

JOURNALS PLEASE



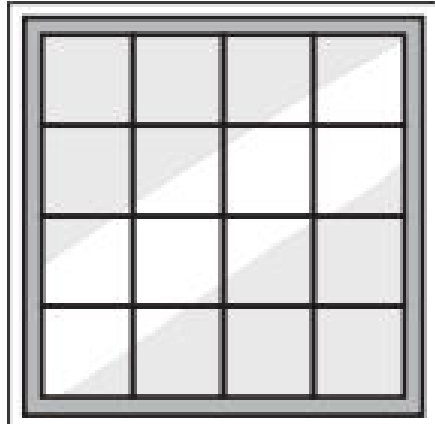
Problem String: More Windows for Wally
Today's Date

Write an
equation in
your journal to
match the
window panes.



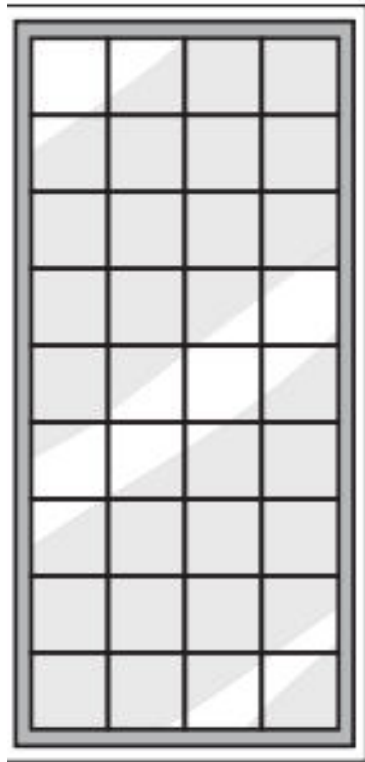
Sample Strategies

Write an equation in your journal to match the window panes.



Sample Strategies

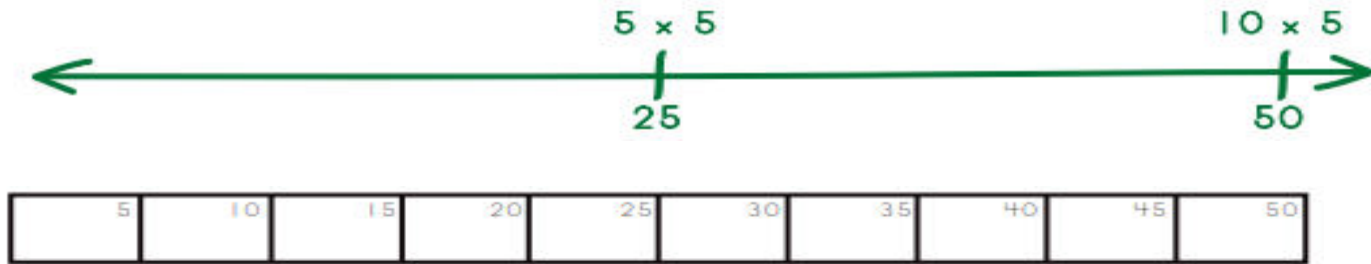
Write an equation in your journal to match the window panes.



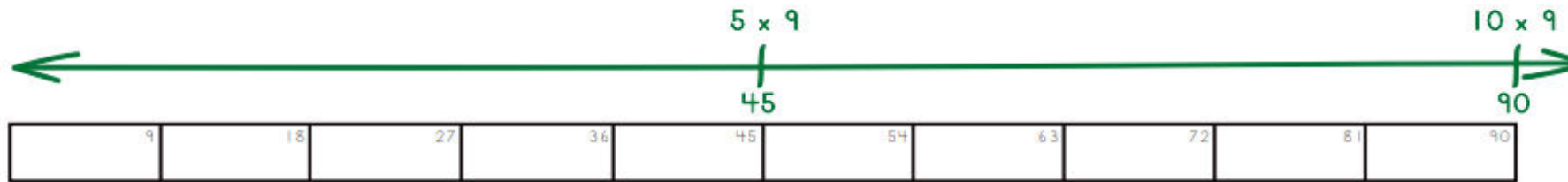
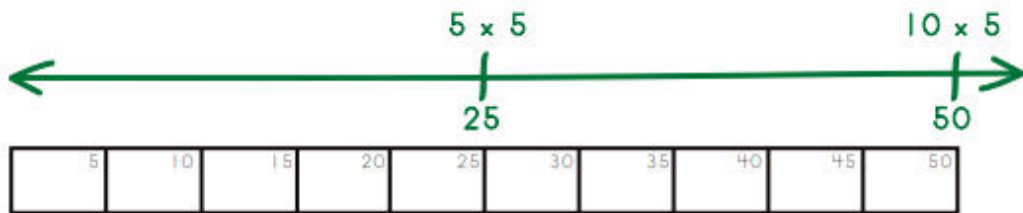
Sample Strategies

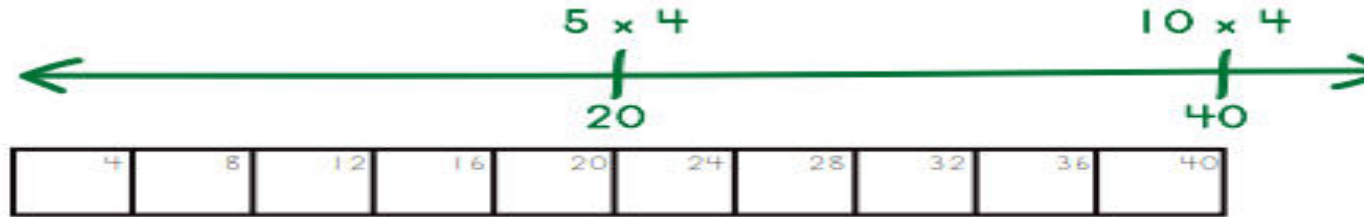
More Number Line Puzzles

What do you notice?



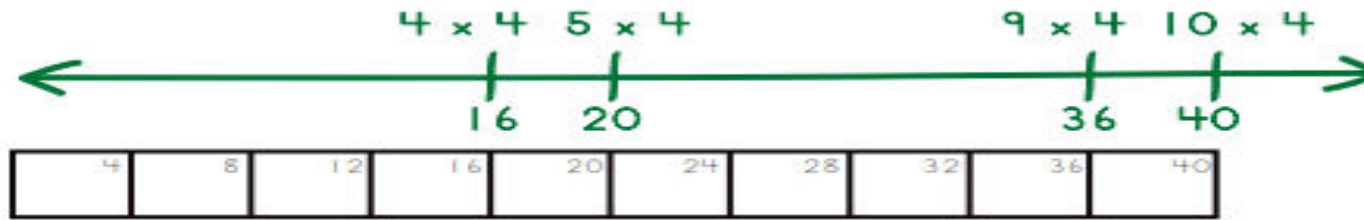
Now what do you notice?



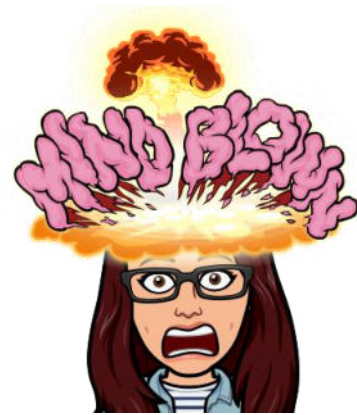
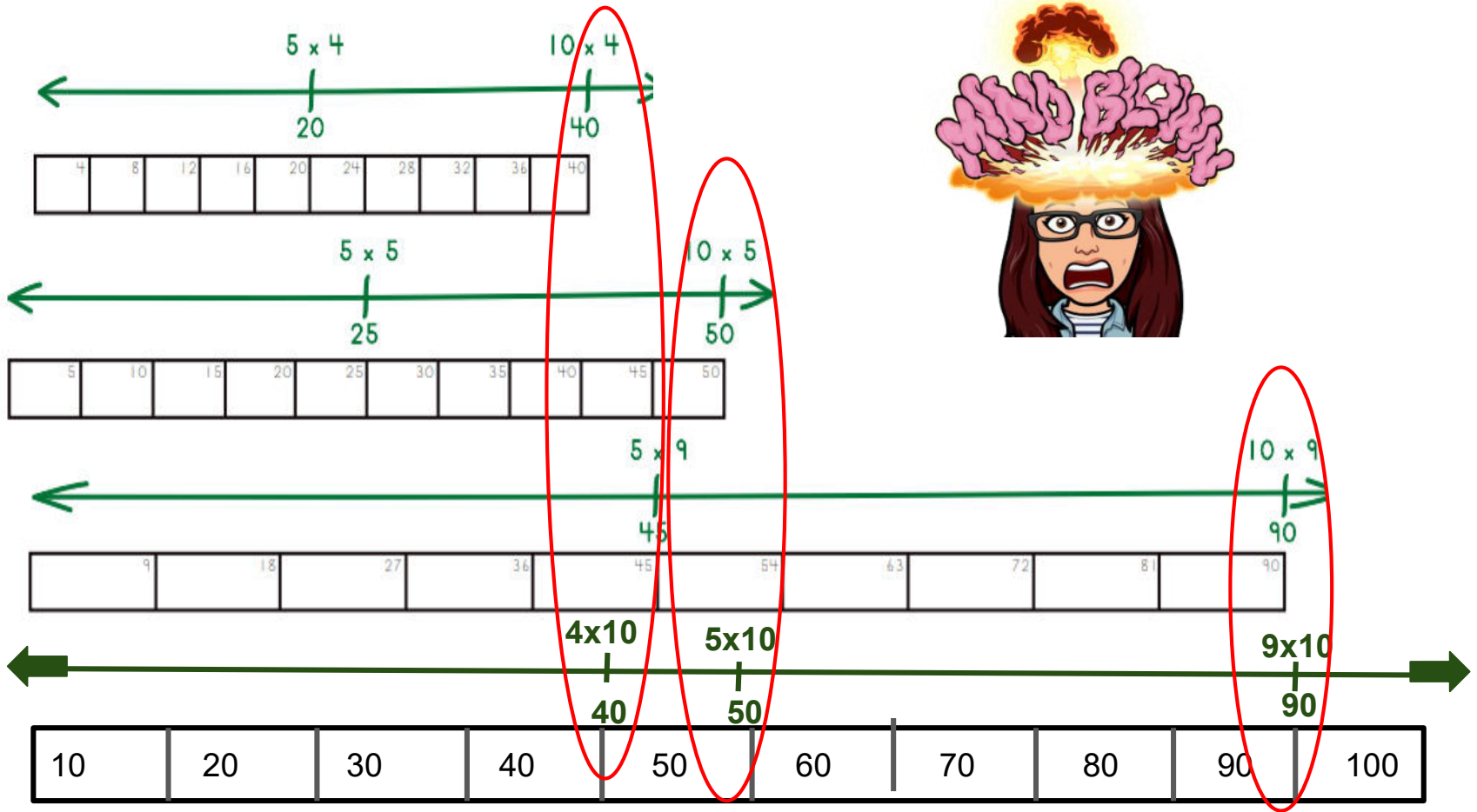


How does 10×4 relate to 5×4 ?

- How do you know?
- How can that help you figure 5×4 fast?



How 10×4 can help them solve 9×4 and 5×4 can help with 4×4 ?



WORKBOOK

PAGE 51 PLEASE



SHARE
ANYONE?



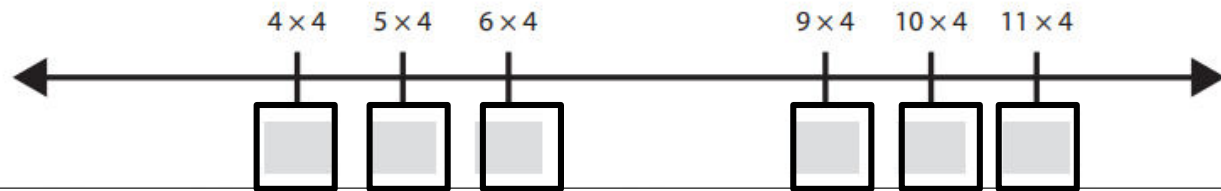
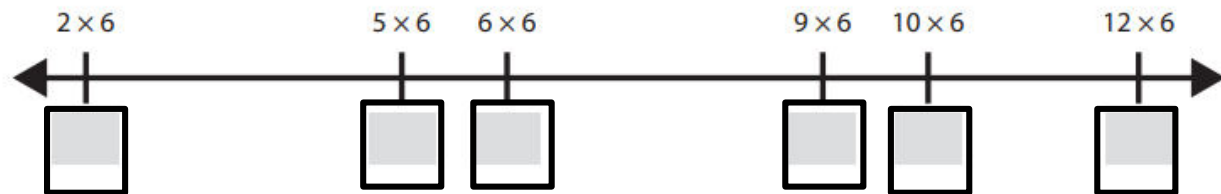
NAME _____

DATE _____



More Number Line Puzzles

Use multiplication to help solve these puzzles. Fill in each of the blanks on both lines.



$$5 \times n = 20$$

Come up with a story problem to match this equation

You can use Wally, stamps, the seascape, the Pet Store or anything on your own.

Work Places

1E Carrot Grab

1F Rabbit Tracks

1G Target One Hundred

1H Anything But Five

2A Loops and Groups

2B Frog Jump Multiplication

Daily Practice

SB 52-53 The Watertown Bank

Home Connection

HC 29-30 Story Problems and Number Line Puzzles