VIDEO: The R2D2 Problem

http://mrorr-isageek.com/spiralling-grade-9-applied-math/

THINK-PAIR-SHARE: Start on your whiteboard.

1. What are some things you ***NOTICE?***
2. What do you ***WONDER?***

I notice...	I wonder...

The R2D2 Problem

OUR PROBLEM:

1) How many Post Its?
2) How long did it take?

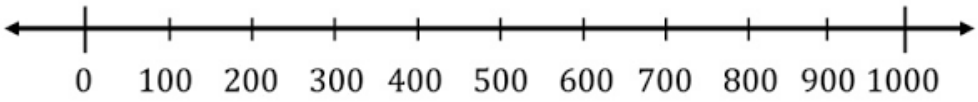
THINK-PAIR-SHARE: What ***information*** will we need to solve the problem?

The R2D2 Problem

INDIVIDUAL WORK: On your whiteboard.

1. ESTIMATE: Sketch a sticky note, with estimated dimensions.

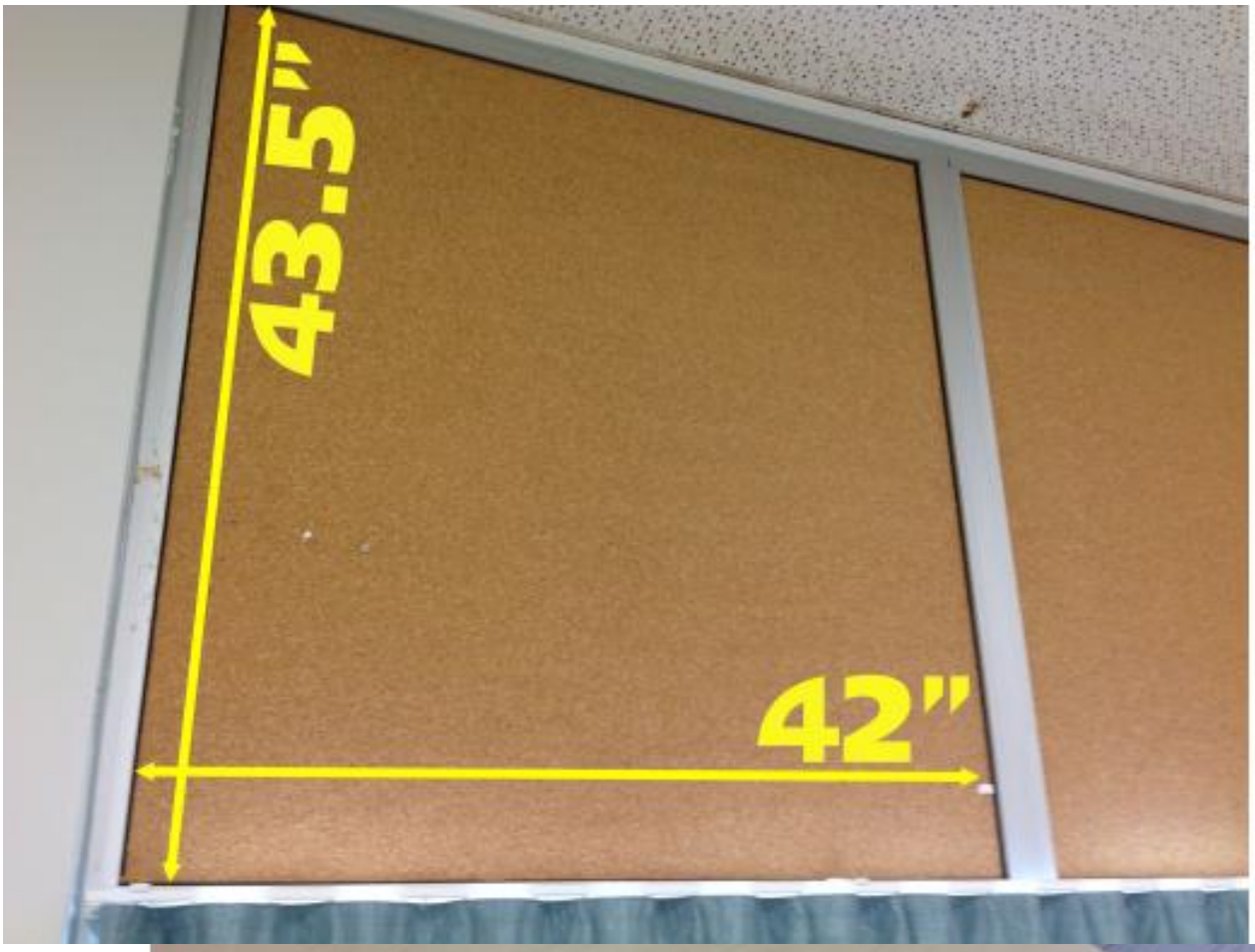
2. PREDICT: On a number line like mine, make 3 predictions about how many sticky notes it will take to cover the board:



TOO HIGH

TOO LOW

BEST GUESS


43.5"
42"


1.5"
2"

The R2D2 Problem

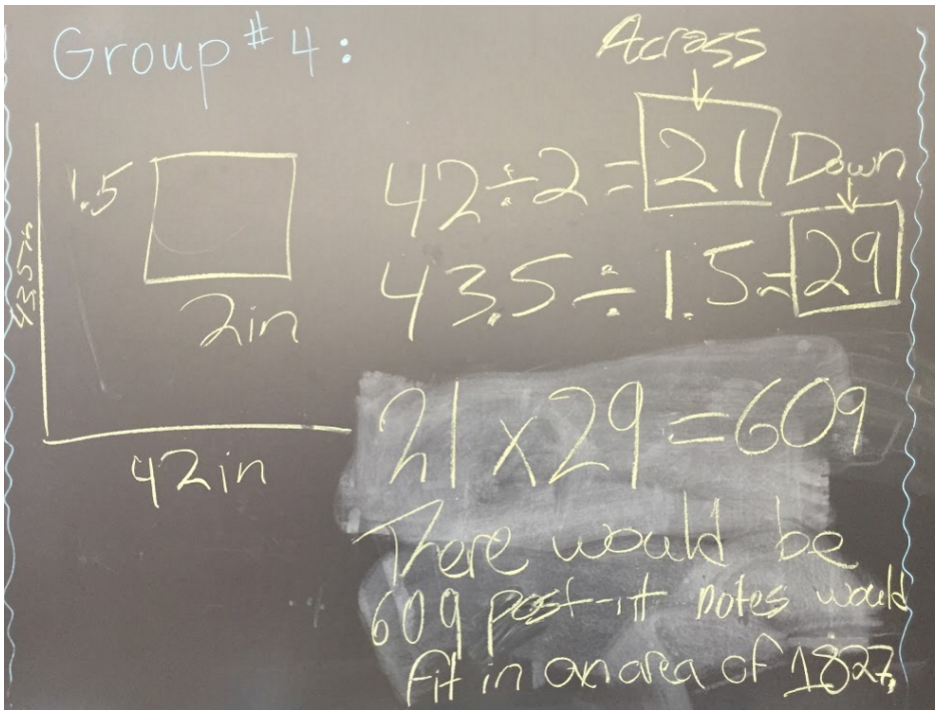
GROUP WORK: On your chalk board.

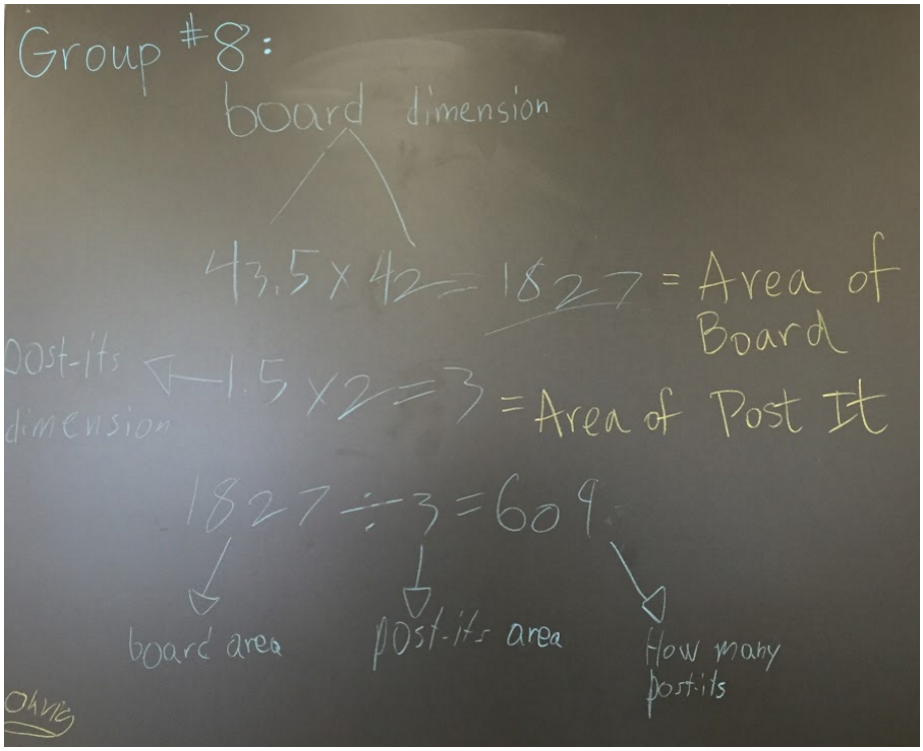
CALCULATE how many stickies it will take to cover the board.

The R2D2 Problem

What is THE SAME about these solutions?

What is DIFFERENT?

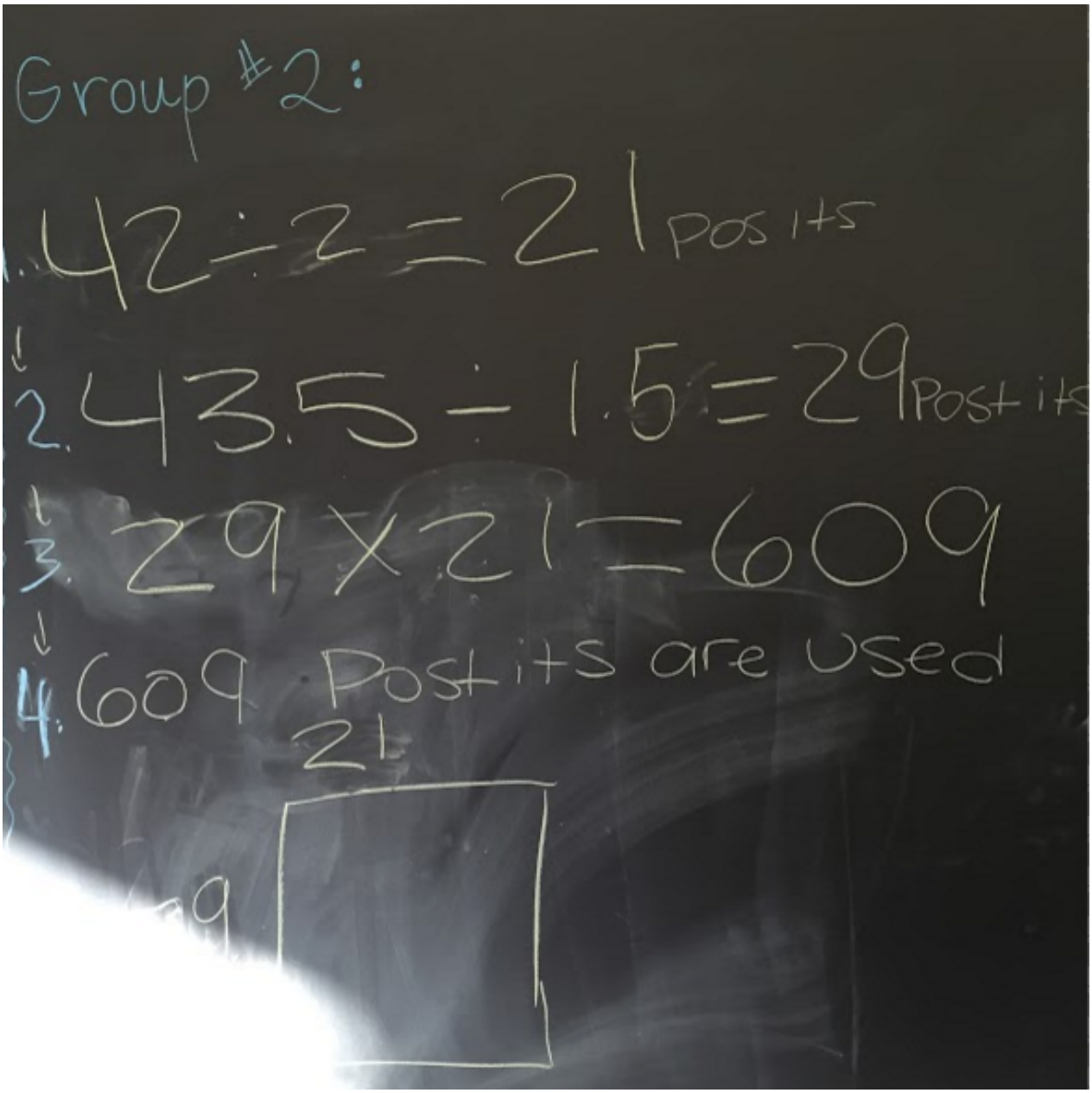




The R2D2 Problem

What was really **great** about this work?

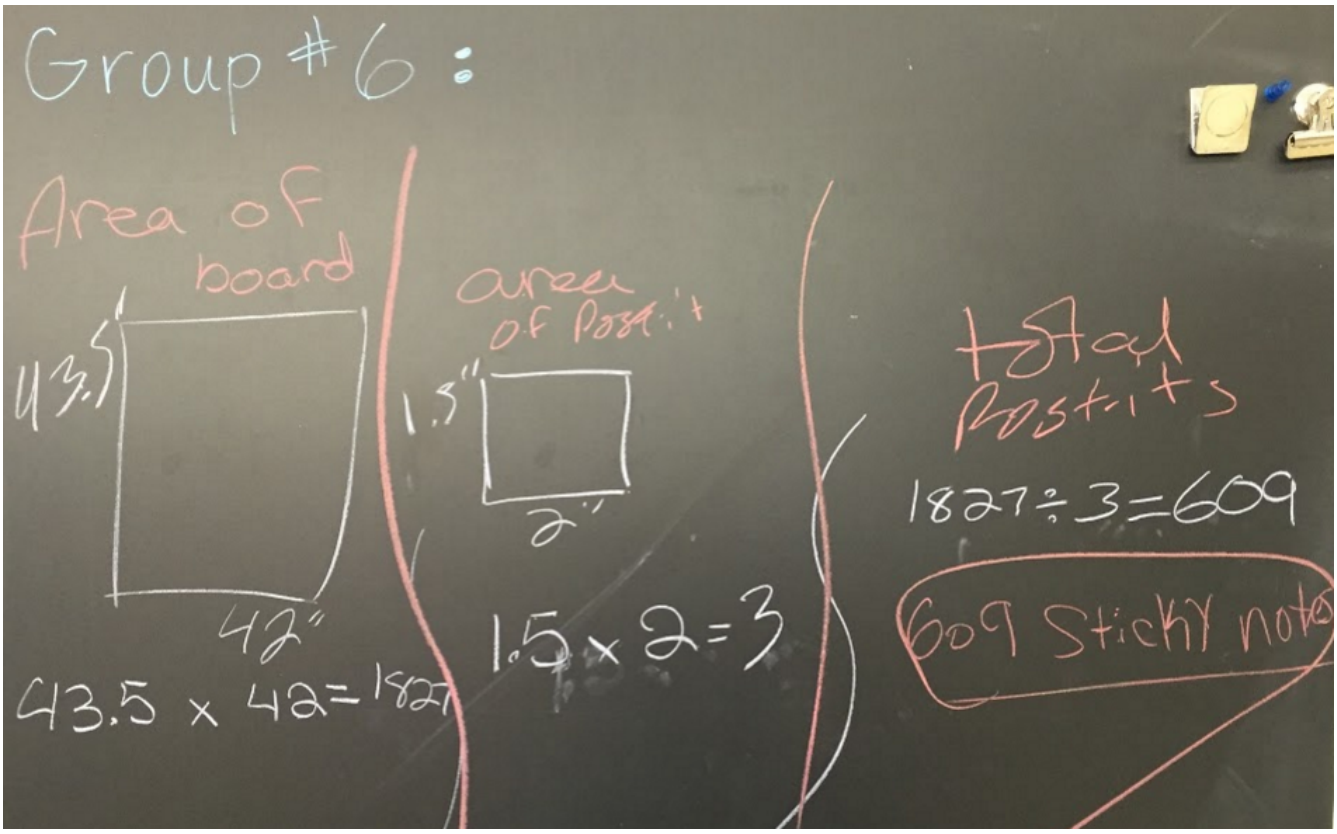
What could be **even better** in this work?



The R2D2 Problem

What was really **great** about this work?

What could be **even better** in this work?



The R2D2 Problem

GROUP WORK:

CALCULATE how long it will take
to cover the board.