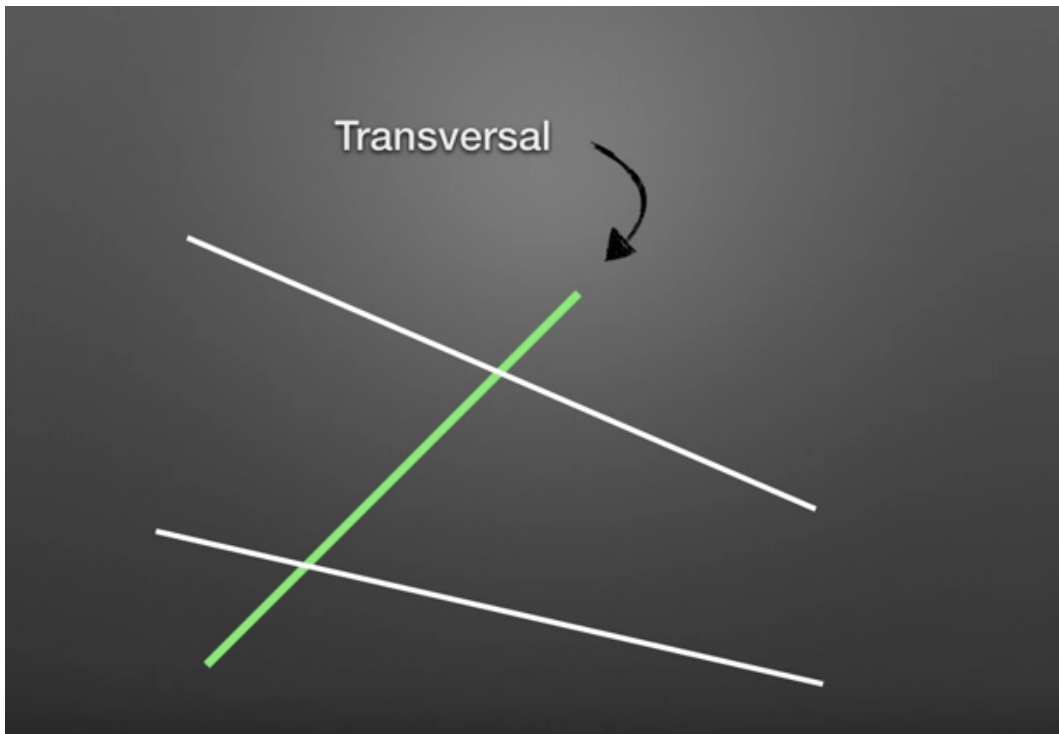


Warm Up - Video

What do you notice? What do you wonder?



<https://www.youtube.com/watch?v=X2EV8s11Pwk&feature=youtu.be>

The Challenge

In groups, draw a line on the chalkboard that is PARALLEL to one of the tape lines.

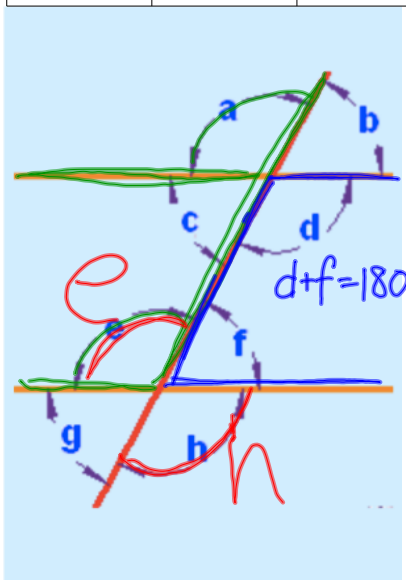
Measure and write down all of the calculated angles.

Look for patterns - what is the rule?

Hint: Parallel lines are always the same distance apart and never touching.

What's My Rule?

Who came up with the rule?	Description	Example
Liam	Corresponding angles are equal.	$a = e$
Hailey	Alternate interior angles are equal.	$c = f$
Nathan	Alternate exterior angles are equal.	$b = g$
Liam II	Consecutive interior angles add up to 180° .	$d + f = 180^\circ$
James	Opposite angles are equal	$e = h$



All the acute angles are the same and all of the obtuse angles are the same.

Acute angle
+

Obtuse angle
= 180°