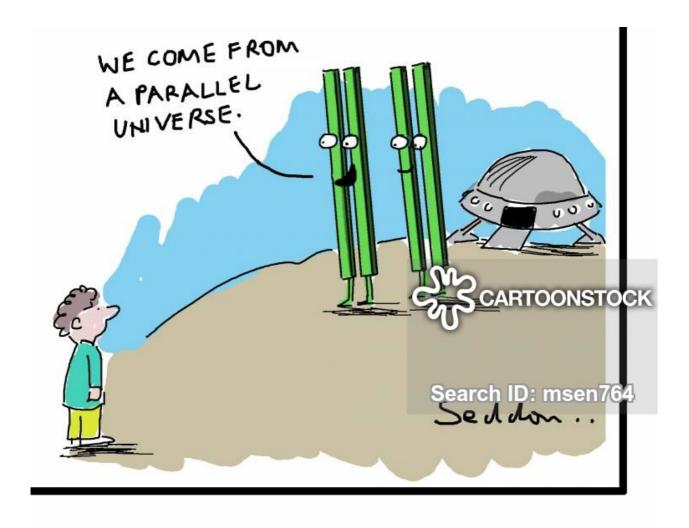
## Good morning!

- 1. "Here"
- 2. Notes on Parallel Lines
- 3. Parallel Practice to CTLS

DeltaMath is extended with another assignment, both due Monday 8:00 AM

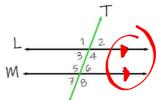




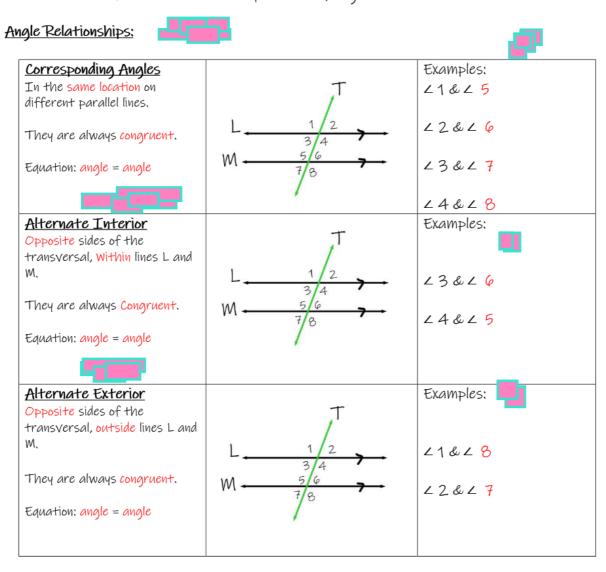
## Parallel Lines Cut by a Transversal

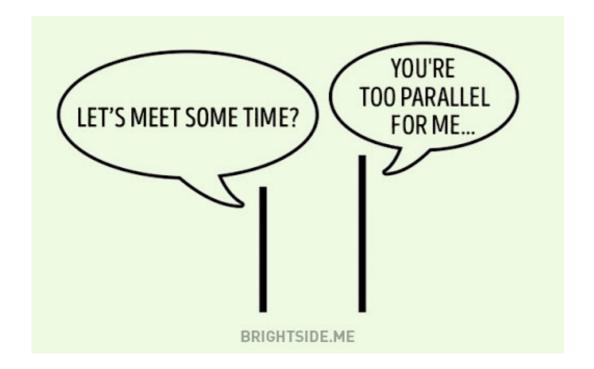
What does it mean to be parallel? Lines in the same plane (2D space), that never intersect.

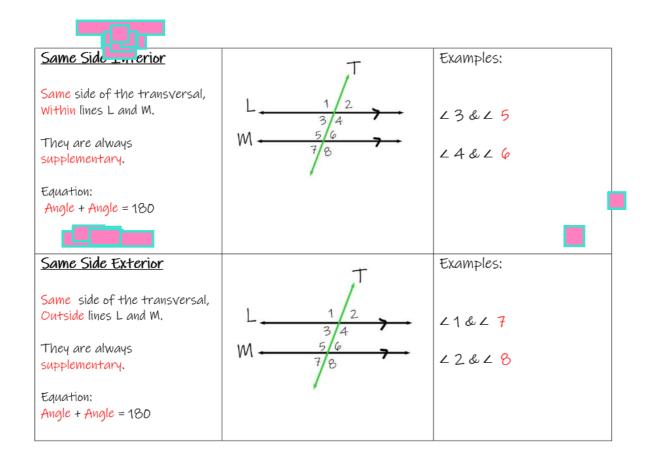
Notation: In the diagram to the right, we use the notation line "L  $\parallel$  M," to say that lines "L" is parallel to line "M." The extra arrows on L and M also denote that the lines are parallel.



What is a transversal? A transversal is a line that "transverses" or cuts through other line. Line "T" is the transversal because is cuts through L and M. Where the transversal intersects the parallel line, angles are created.



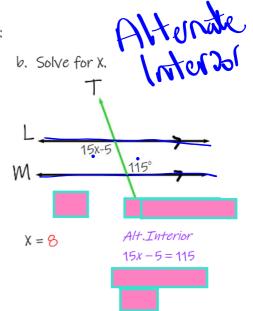




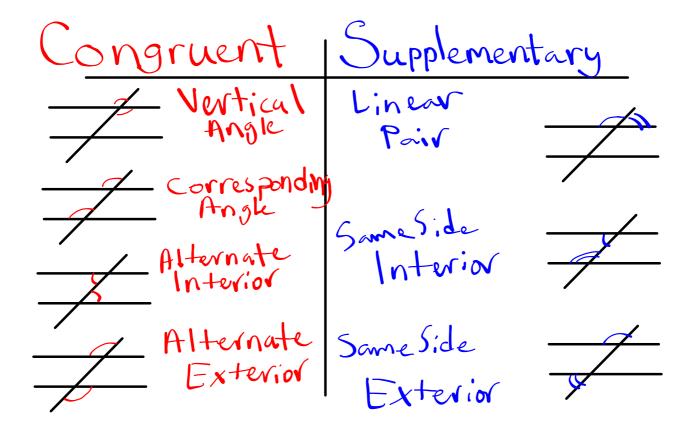
## You Try!

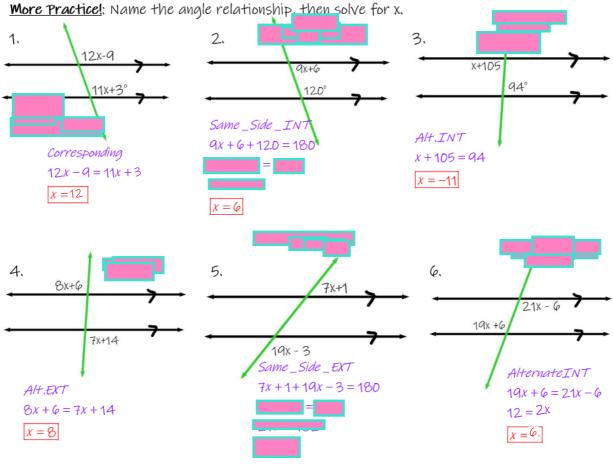
1. Given the measure of one angle, find all the other angles:

a. + 2 = 82 + 3 = 82 + 4 = 98 + 5 = 98 + 4 = 98 + 5 = 98 + 4 = 98 + 4 = 98 + 5 = 98 + 4 = 98 + 4 = 98 + 4 = 98 + 4 = 98 + 4 = 98 + 4 = 98

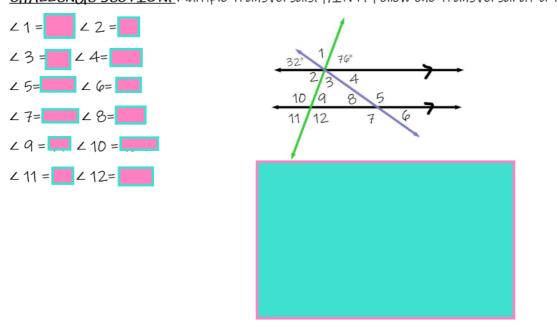








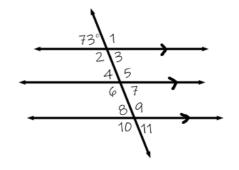
CHALLENGE SECTION: Multiple transversals. HINT: Follow one transversal at a time.



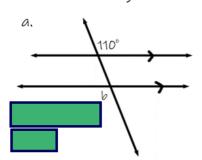
## Parallel Lines Practice

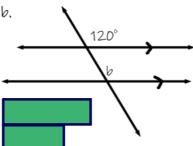
1. Find the measures of all the numbered angles:

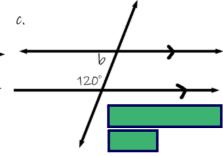


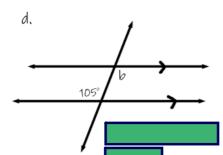


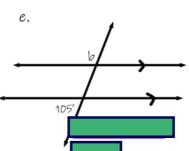
2. Name the angle relationship, and find the measure of angle b.

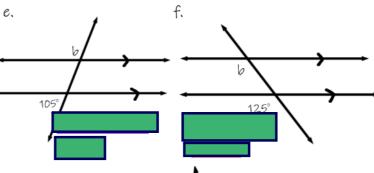


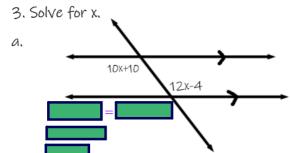


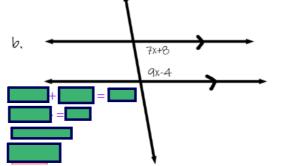


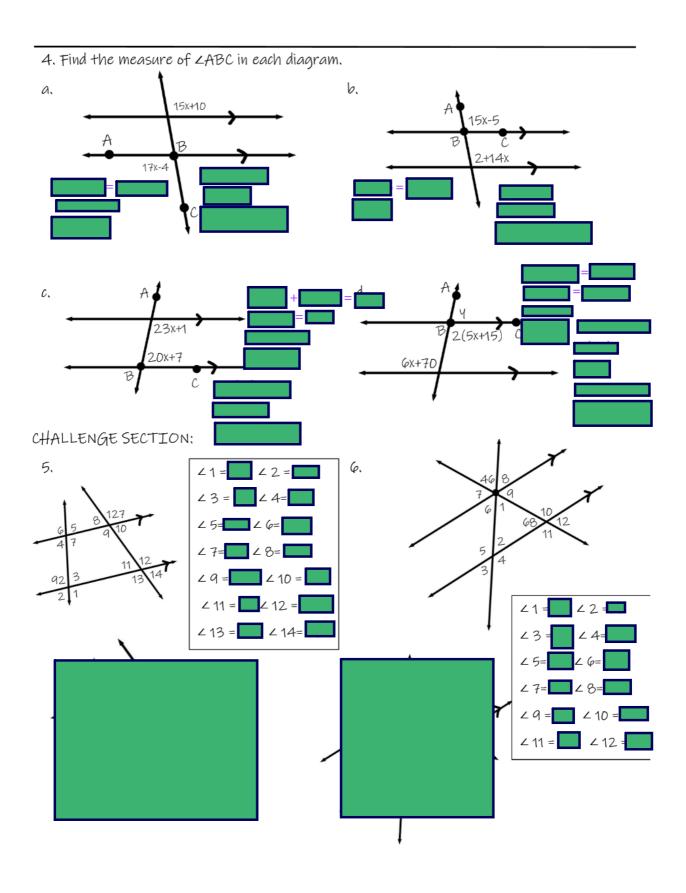












January 08, 2021