

AGENDA →

MON
2/10

TO-DO

1) Jumping straight to notes

REMINDERS

ALL electronics should be put away in your **BAG!**

0:00:00

Jul 31-9:37 PM

What am I learning today?

Learning Objective 2A.4

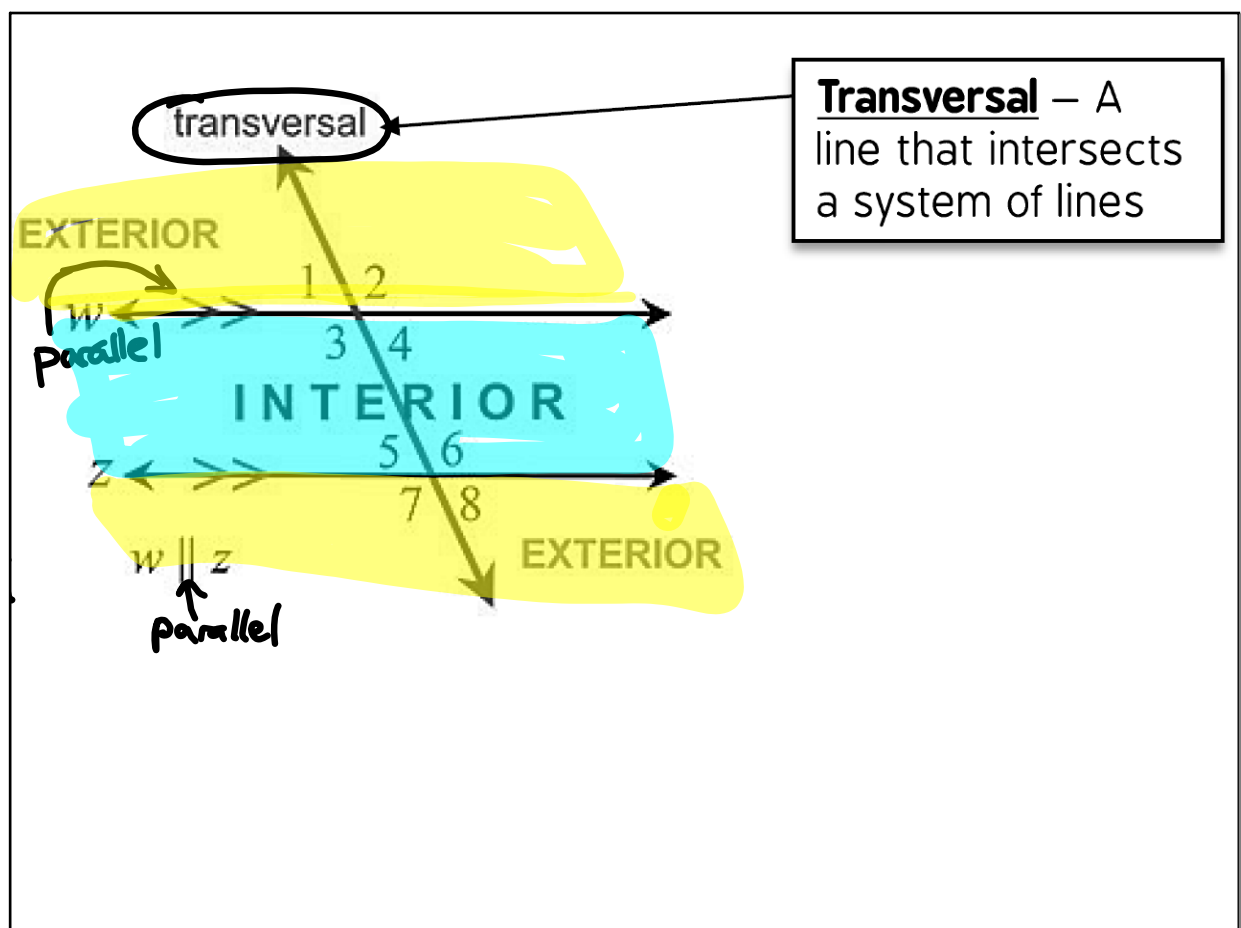
How to describe and use the different angle relationships in parallel lines

What will I do to show that I have learned it?

I can...

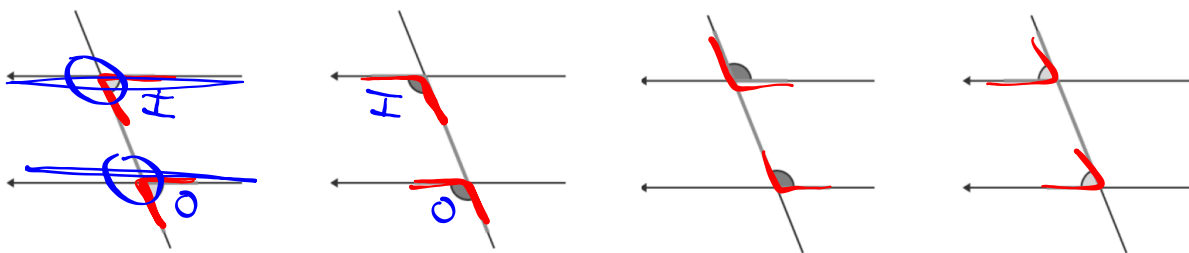
Set pairs of angles equal to each other OR
equal to 180°

Jul 31-6:18 PM



Aug 13-12:41 PM

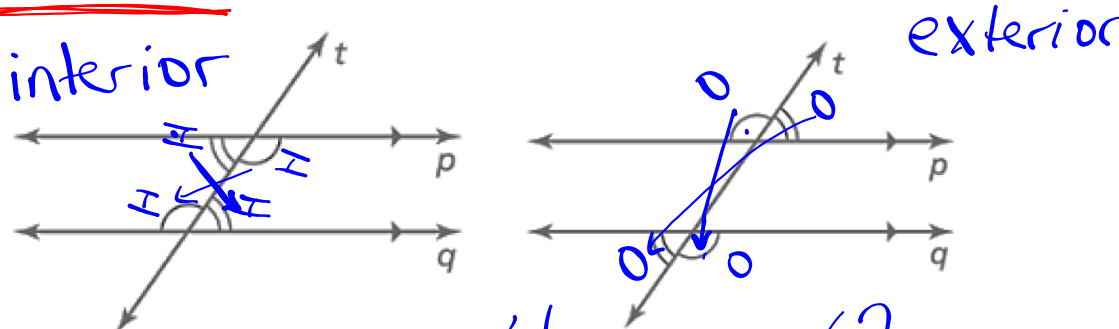
Corresponding Angles - Pairs of angles located in the **SAME** location on each parallel line



Equation Setup: $m\angle 1 = m\angle 2$

Aug 13-12:47 PM

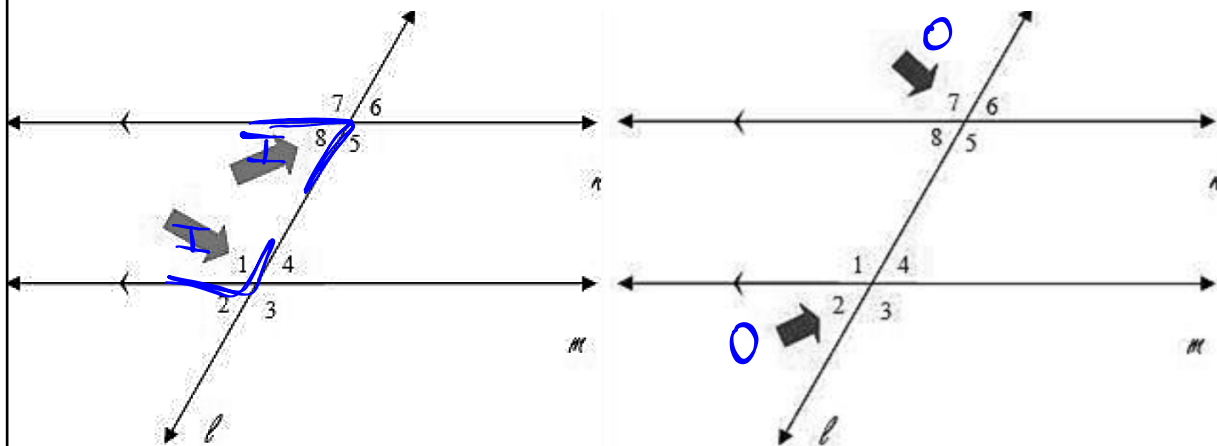
Alternate Angles - Pairs of angles located either **BOTH** on the **INSIDE** (*interior*) or **BOTH** on the **OUTSIDE** (*exterior*) and **JUMP** over the transversal



Equation Setup: $m\angle 1 = m\angle 2$

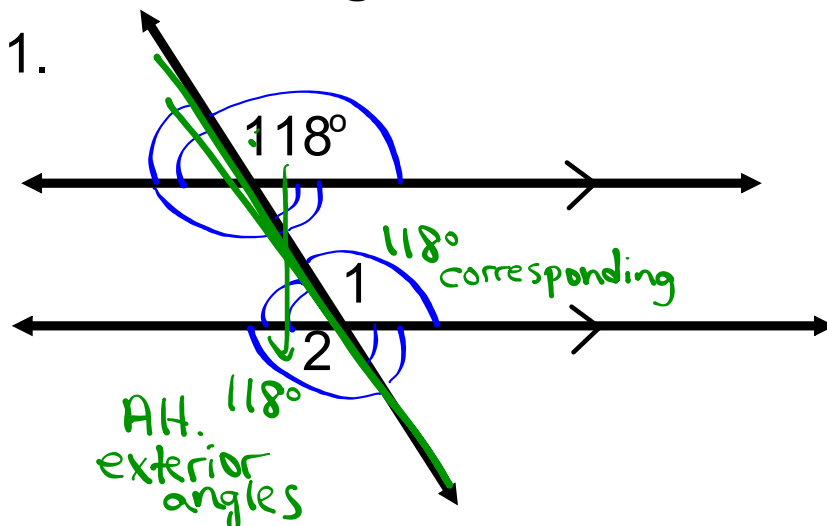
Aug 13-12:51 PM

Same-Side (Consecutive) Angles - Pairs of angles located either BOTH on the INSIDE (*interior*) or BOTH on the OUTSIDE (*exterior*) **BUT DO NOT JUMP** over the transversal



Equation Setup: $m\angle 1 + m\angle 2 = 180^\circ$

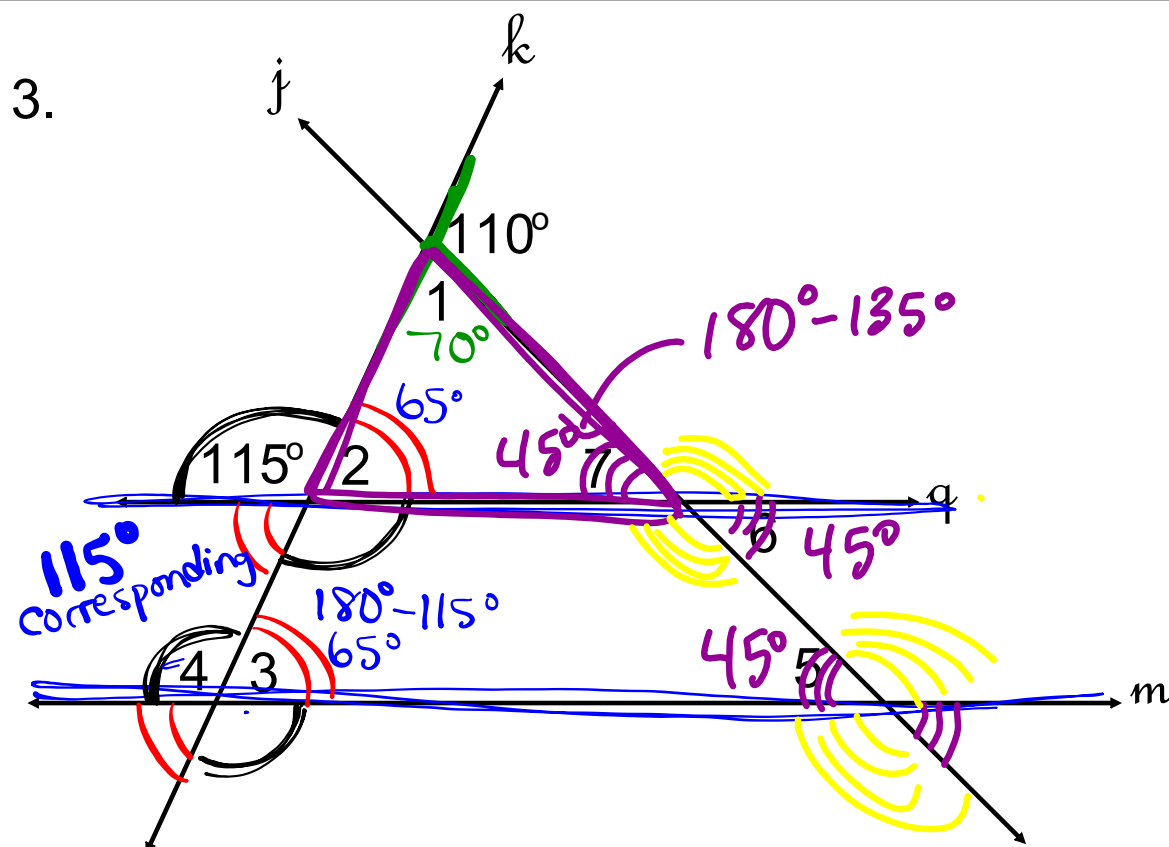
Find the measure of the missing or numbered angle.



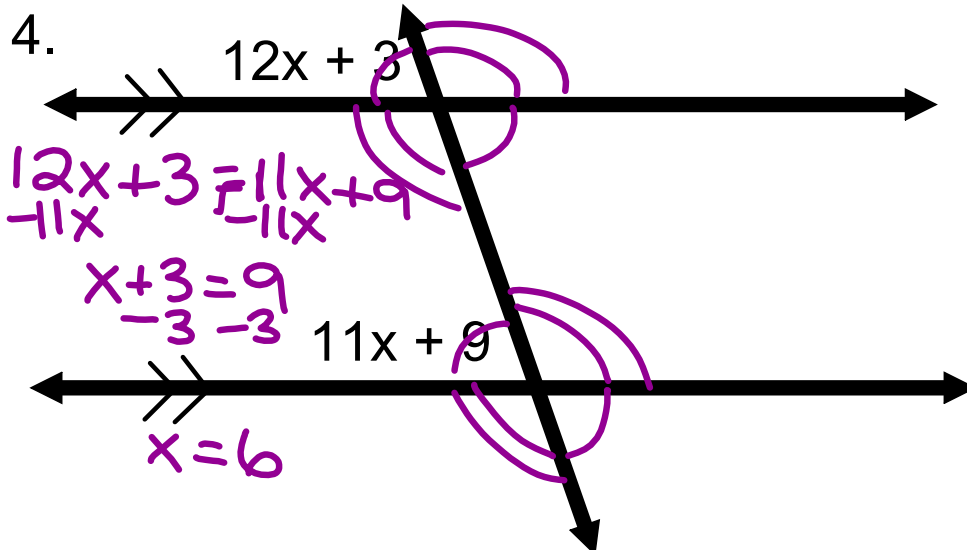
2.

Diagram 2 shows two parallel lines intersected by a transversal. The top intersection has an angle of 53° marked with a green arc. The bottom intersection has an angle marked with a green arc. Handwritten blue notes include $180 - 53 = 127$ and "Alt. ext."

Aug 13-12:48 PM

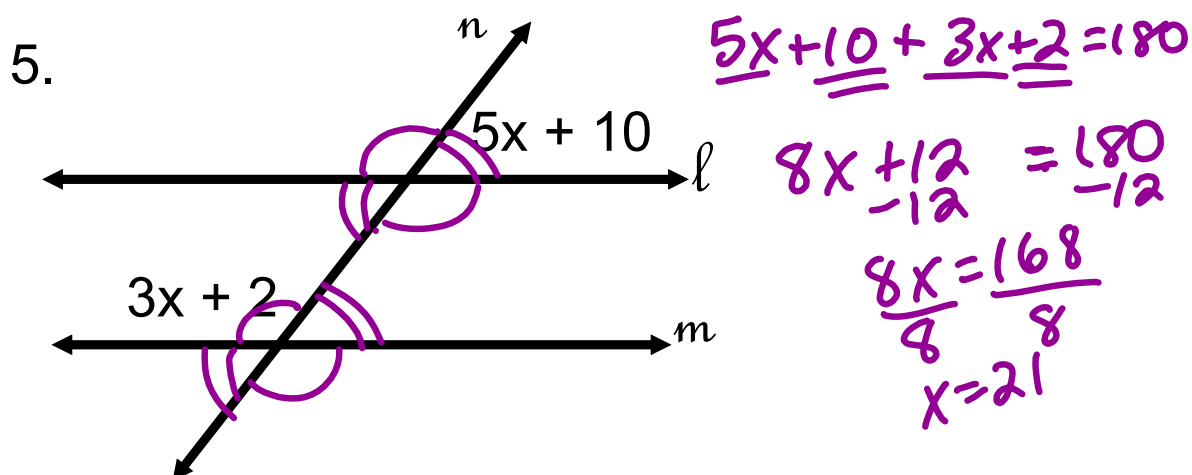


Find the value of all variables.



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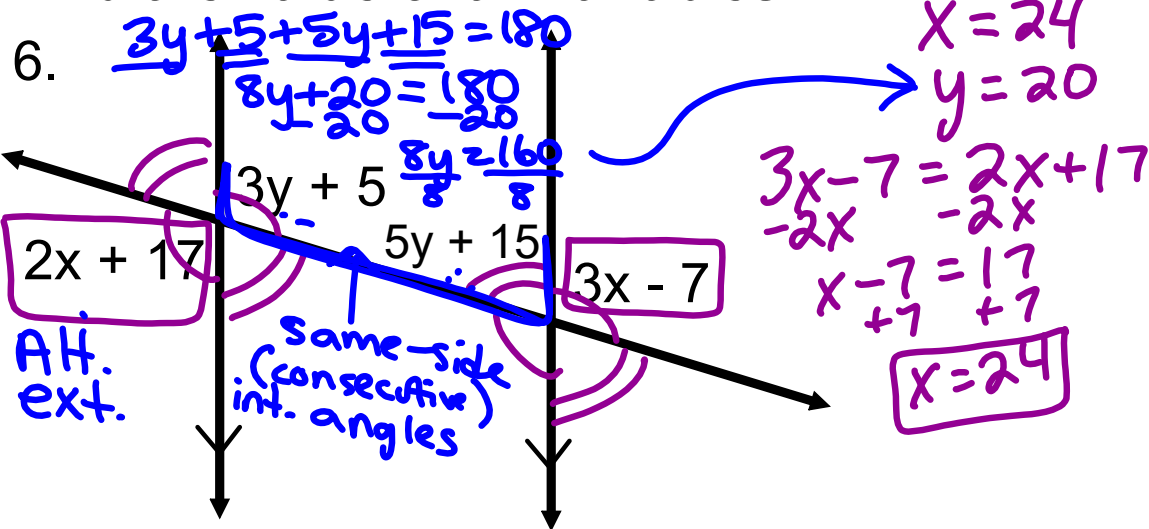
Find the value of all variables.



Aug 13-12:48 PM

Find the value of all variables.

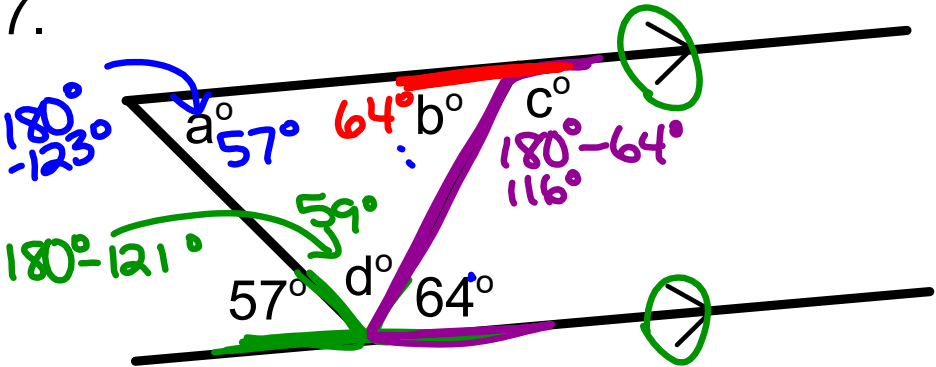
6.



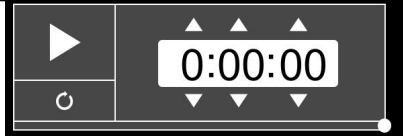
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Find the value of all variables.

7.



Aug 13-12:50 PM

Classwork:

Complete the classwork by using angle relationships in parallel lines.

HW: Finish classwork

Jul 31-9:12 PM