Agenda:

- section 2-1 (part 3)
- retest policy

Today you will need:

- a calculator



Housekeeping:

- SHOW WORK on all problems (for assignments, quizzes & tests)
- retest deadline: 10-6 (next Friday)
- no food please



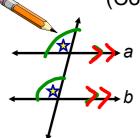
Assignment due tomorrow:

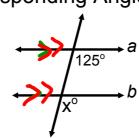
> Pearson 2-1 MathXL (online)



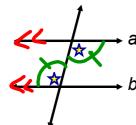
Topic 2-1 Parallel Lines and Angle Pairs

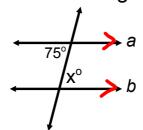
If a||b, then Corresponding Angles (CA) are (Corresponding Angles Postulate)



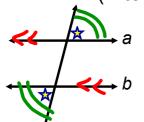


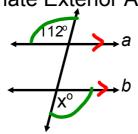
If a||b, then Alternate Interior Angles (AIA) are (Alternate Interior Angles Theorem)



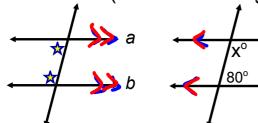


If a||b, then Alternate Exterior Angles (AEA) are (Alternate Exterior Angles Theorem)





If a||b, then Same Side Interior Angles (SSIA) are Supplemental (Same Side Angles Theorem)



Get your "Student Companion" book

Turn to pg. 38 top right

Review of pairs of angles

Corresponding

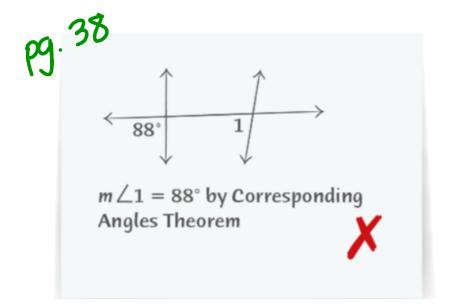
Answer questions 1-4

1. **ESSENTIAL QUESTION** What angle relationships are created when parallel lines are intersected by a transversal?

AIR	are	
AEA.		
SSIA	<u> </u>	

2. Vocabulary When a transversal intersects two parallel lines, which angle pairs are congruent?

3. Error Analysis What error did Leah make?



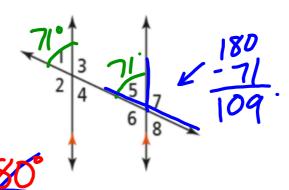
H does not say that the lines are parallel... so M/1 + 88°

(Corr. 2 Postulat)
-corresponding
$$\angle s \cong$$
Same side int. $\angle s - supp.$
(SSIA Theorem)

Use the diagram for Exercises 5-8.

Classify each pair of angles. Compare angle measures, and give the postulate or theorem that justifies it.





If $m \angle 1 = 71^{\circ}$, find the measure of each angle.

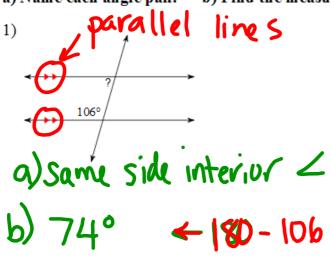
9. Elm St. and Spruce St. are parallel. Covre Sp. What is m∠1?

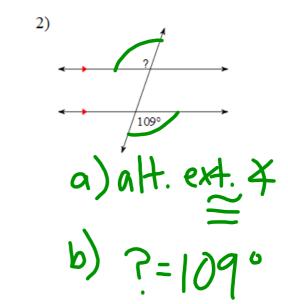


Pairs of Angles Review

Date 9-26

a) Name each angle pair. b) Find the measure of each angle indicated.





a) Name each angle pair. b) Is it supplementary or congruent? c) Solve for x.

a) aH. interior
$$\angle$$
b) (ongruent = $\frac{12x+2}{-2}$ $\frac{12x+2}{-2}$ $\frac{12x+2}{-2}$ $\frac{12x}{48}$ $\frac{12}{12}$ $\frac{12}{12}$

Assignment tonight:

Try all problems from 2-1 (Pearson online)



2-1: MathXL for School: Practice and Problem-Solving

IF YOU DON'T HAVE INTERNET ACCESS...

try Assignment 2-1 on pg. 77#12, 13, 15-17, 19, 20, 23, 24, 26

