Agenda:
1. section 2-1

Housekeeping:
1. SHOW WORK on all problems
   (in assignments, quizzes & tests)

Assignment due Wednesday:
> Pearson 2-1 online
            #15-17
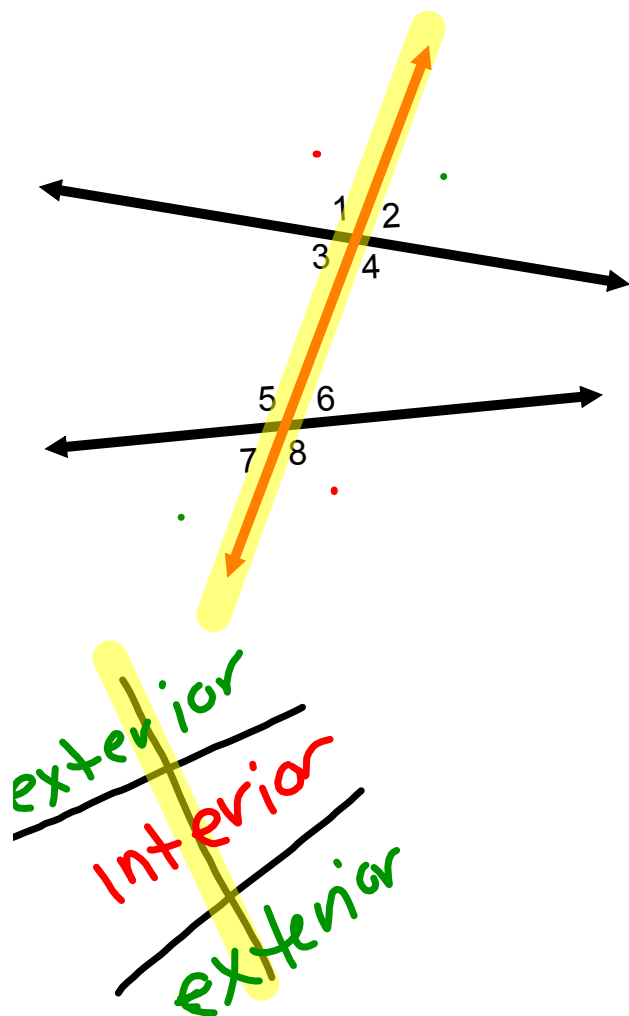
Today you will need:
> highlighter
> pencil

Learning Target 2-1

I can determine the names of the angles formed when lines are intersected by a transversal.

*learn ∠ pair names

IDENTIFYING ANGLES FORMED BY TRANSVERSALS

- **transversal** - line that intersects 2 or more coplanar lines at different points

- **corresponding angles-** same spot, _on the same side_ transversal

  <1, <5   <6, <2
  <4, <8   <7, <3

- **alternate interior angles-** alternate _sides along the transversal, inside black lines_

  <3, <6   <5, <4

- **alternate exterior angles** alternate _sides of the transversal, on the outsides of the black lines_

  <8, <1   <7, <2

Consecutive/ **same side interior angles** inside _the black lines, on the same side of the transversal_

  <6, <4   <3, <5

Ex 1: List all pairs of angles that fit the description.

a. corresponding

∠1,∠3 ∠2,∠4
∠5,∠7 ∠6,∠8

b. alternate exterior

∠4,∠5 ∠1,∠8

c. alternate interior

∠6,∠3
∠2,∠7

d. same side interior

∠2,∠3 ∠7,∠6

*Don't forget about...
 — linear pairs (∠4,8   ∠3,∠4)
 — Vertical angles (∠3,∠8 ∠4,∠7)

1 5
2 6
3 7
4 8

✓ :)
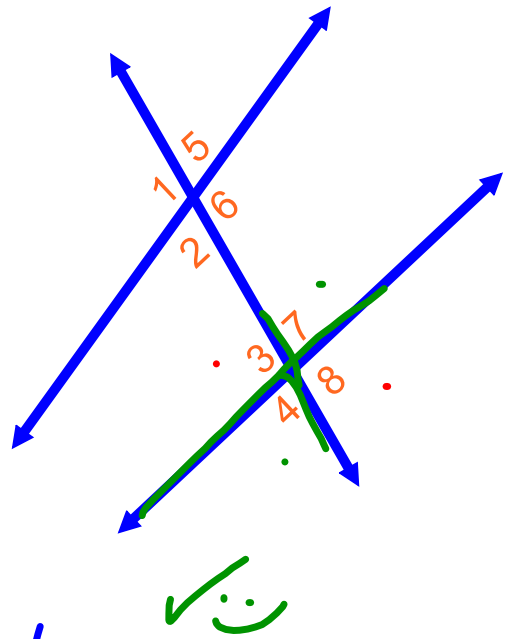
What will my Pearson window look like?

READ CAREFULLY!

2-1: Class Explore & Reason

2-1: Class Ex 2: Explore Angle Relationships & Try It!

CONCEPTUAL UNDERSTANDING

"hw" →

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

Assignments: (all say "MathXL")

example:

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

#15-17

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ABOUT A-H   ACADEMICS   DEPARTMENTS   EMPLOYMENT   INVOLVEMENT   COMMUNITY ED

Pearson ⓘ

PEARSON
realize.

Classes

To find your class explorations and assignments, you might have to click both options:

"in progress" or "not completed"

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

#15-17 today
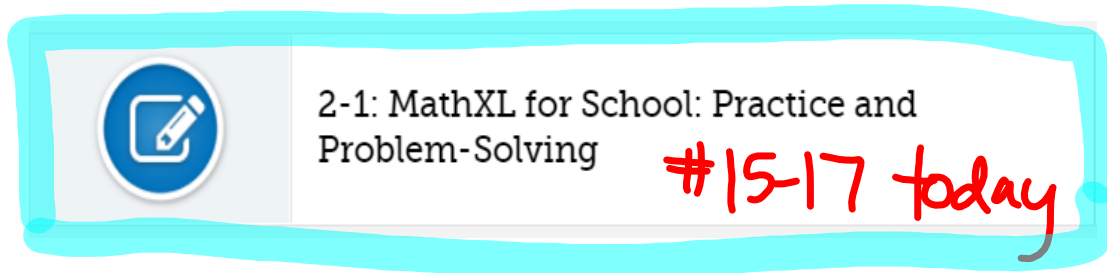
Done? log off + head back to seat ☺

return supplies

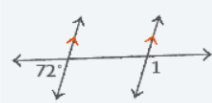# When skipping around the assignment, pay attention...

assigned problem

15-17

2.1.12   ☰ Question Help ⚙

What error did Tyler make?

$m\angle 1 = 72$ by Same-Side
Exterior Angles Theorem ✗

While there is no Same-Side Exterior Angles Theorem given, same-side exterior angles are [▼]

the number in the series/set

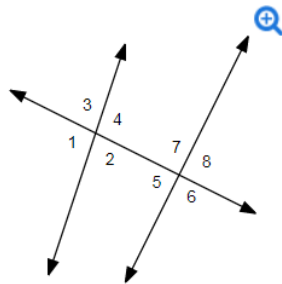Click to select your answer(s) and then click Check Answer.

1 part remaining   [▰▰▰▱▱]   Clear All   Check Answer

Review progress   Question [1] of 10   Go   ← Back   Next →

Identify a pair of same-side interior angles.

Choose the correct answer below.

- A. $\angle 4$ and $\angle 7$
- B. $\angle 3$ and $\angle 8$
- C. $\angle 2$ and $\angle 7$
- D. $\angle 3$ and $\angle 2$

Click to select your answer and then click Check Answer.

All parts showing

Clear All

Review progress   Question 3   of 10   Go   ← Back

<u>Assignment tonight:</u>

Try problems #15-17 in Pearson 2-1 MathXL

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

(finish the rest Monday)

IF YOU DON'T HAVE INTERNET ACCESS...

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