

Warm-Up

Come in and have a seat.

Upcoming important dates from Ms. Casillas.

Essential Skill 1: Geometry Basics

**LT 1.2 Angles and Parallel Lines
(Algebra)**

Learning Objective

I will be able to . . .

- Use theorems to determine the relationship between specific pairs of angles.

*****Use algebra to find angle measurements.*****

LT 1.2: Algebra and Angle Measures

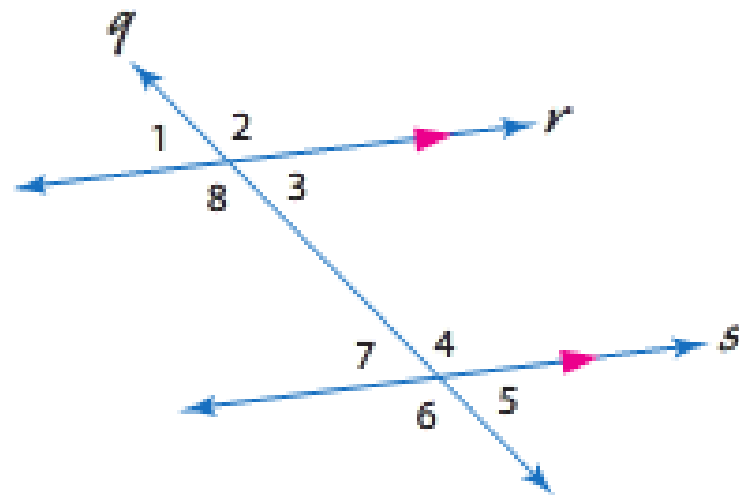
Let's take notes.

PG. 13

Example 3a Use the figure at the right to find the indicated variable. Explain your reasoning.

If $m\angle 4 = 2x - 17$ and $m\angle 1 = 85$, find x .

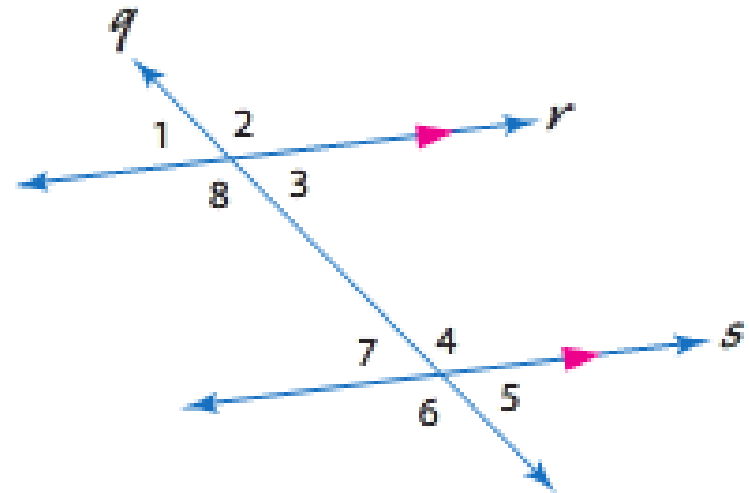
Statement	Justification



Example 3b Use the figure at the right to find the indicated variable. Explain your reasoning.

Find y if $m\angle 3 = 4y + 30$ and $m\angle 7 = 7y + 6$.

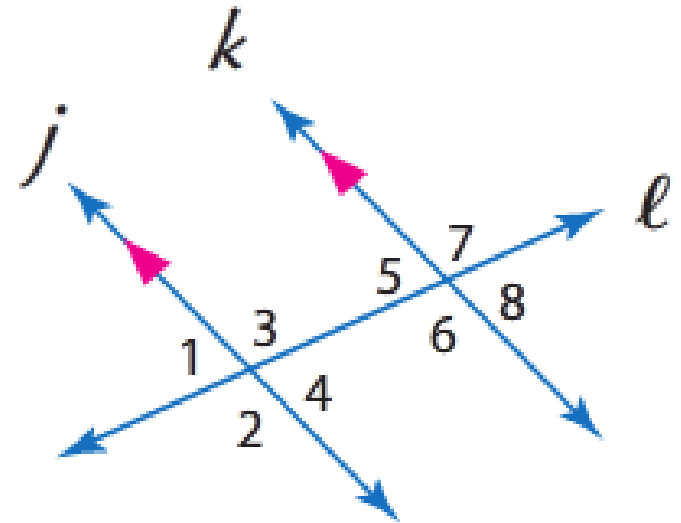
<u>Statement</u>	<u>Justification</u>



Example 3c Use the figure at the right to find the indicated variable. Explain your reasoning.

If $m\angle 2 = 4x + 7$ and $m\angle 7 = 5x - 13$, find x .

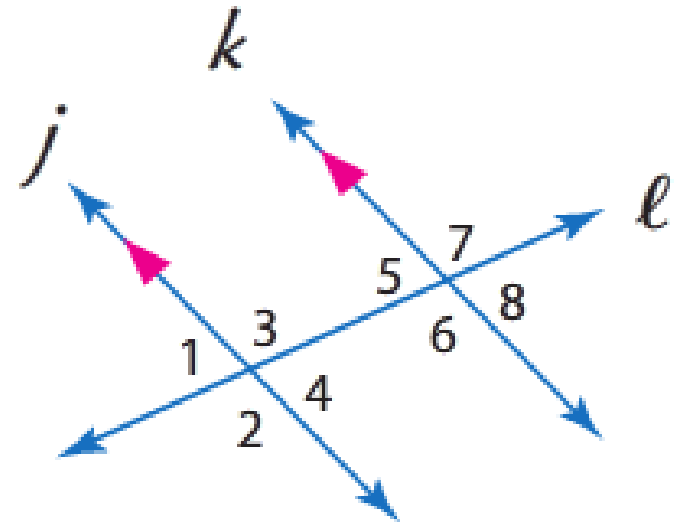
<u>Statement</u>	<u>Justification</u>



Example 3d Use the figure at the right to find the indicated variable. Explain your reasoning.

Find y if $m\angle 5 = 68$ and $m\angle 3 = 3y - 2$.

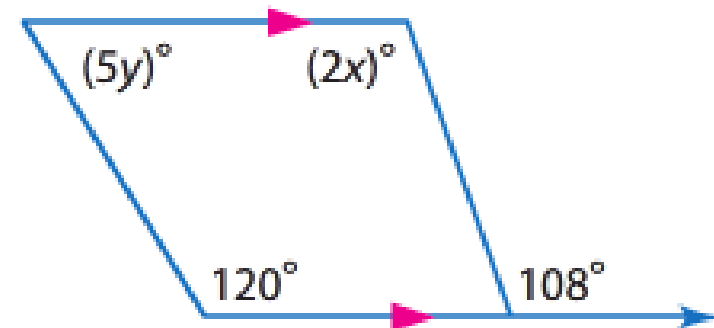
Statement	Justification



Example 3e

Use the figure at the right to find the indicated variable. Explain your reasoning.

Statement	Justification



Homework

www.ccasillas.weebly.org

DUE TOMORROW:

Class: Complete Skill Practice #1: Algebra

Honors: Complete Skill Practice #1: Algebra

Wednesday Honors HW due Wednesday