

The background is a teal-to-blue gradient with faint geometric patterns. On the left side, there is a large circular scale with tick marks and numbers ranging from 150 to 260. Other faint patterns include concentric circles, dashed lines, and arrows.

OCTOBER 20, 2015

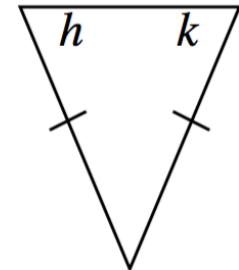
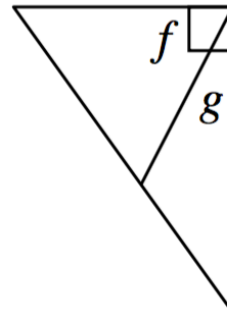
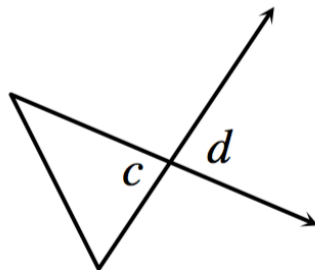
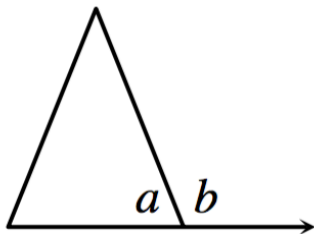
GEOMETRY

# Entry Task

Draw each and quickly decide what relationship their measures have.

Limit responses to:

- 1) same measure,
- 2) complementary,
- or 3) supplementary.



# Quiz Reminder

Thursday (Period 1 & 2)

Friday (Period 6)

Topic: Finding unknown angles and providing reasons (justifications).

You may use a 3x5 notecard on the quiz.

# Marcos and Tiles

Marcos was walking home after school thinking about special angle relationships when he happened to notice a pattern of parallelogram tiles on the wall of a building. Marcos saw lots of special angle relationships in this pattern, so he decided to copy the pattern into his notebook.

# Marcos and Tiles

You have a copy of the tiles

- With your group, determine which angles have the same measure.
- How do you know this?

# Marcos and Tiles

Copy one of these tiles into your notebook.

- Can you identify any lines that must be parallel?

# Julia's Exploration

Work with a neighbor to explore Julia's ideas.

Answer all questions completely.