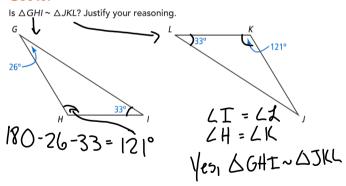
April 18, 2014

Math Today

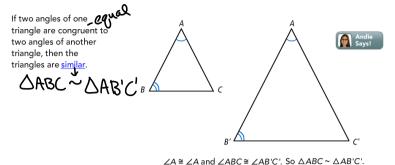
- 1. Get the 11.5 Notes off the front table.
- We will take 11.5 Notes "Angle - Angle - Triangle Similarity"
- 3. HOMEWORK = 11.5 Practice Worksheet

2. Complete the Part 1 Got It.

Got It?



1. Watch and Discuss the Key Concept Video.



Reflect

Would using a protractor make this problem easier? Explain.

3. Discuss the Part 2 Example

Example

Can you conclude that $\triangle ABC \sim \triangle DEC$? Justify your reasoning.

| 1 | |
|---|--|
| | |

| Know | CC = CC | BOHN 0:5=180 |
|------|---------|--------------|
| | | |

Need 2 Equal Angles

Plan LC=LC Yes, SABCNODEC

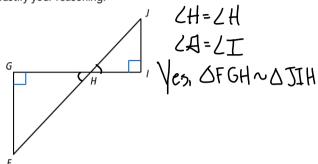
Reflect

Would using a protractor make this problem easier? Explain.

4. Complete the Part 1 Got It.

Got It?

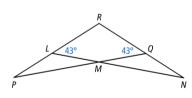
Can you conclude that $\triangle FGH \sim \triangle JIH$? Justify your reasoning.



6. Help your teacher complete the Part 3 Example

Example

Decide whether each statement is true or false. Circle T for "true" and F for "false." Justify your reasoning.



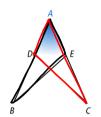
- a. $\triangle LMP$ must be similar to $\triangle QMN$. \bigcirc F
- **b.** $\triangle LMP$ must be similar to $\triangle RPQ$. T
- **c.** $\triangle RPQ$ must be similar to $\triangle RNL$.
- **d.** \triangle QMN must be similar to \triangle RLN. T

5. Examine and Discuss the Part 3 Intro.

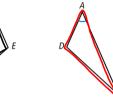
Intro

Overlapping triangles may have a common side or angle.

You can simplify your work with overlapping triangles by separating and redrawing the triangles.







7. Complete the Part 3 Got It.

Got It?

Which statements must be true?

