Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_

**Chapter 4 Test Review**

**Fill in the blanks with the appropriate vocab terms:**

1. A name given to matching angles of congruent triangles is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. A side that is between two angles is called a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. The two congruent angles in an isosceles triangle are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

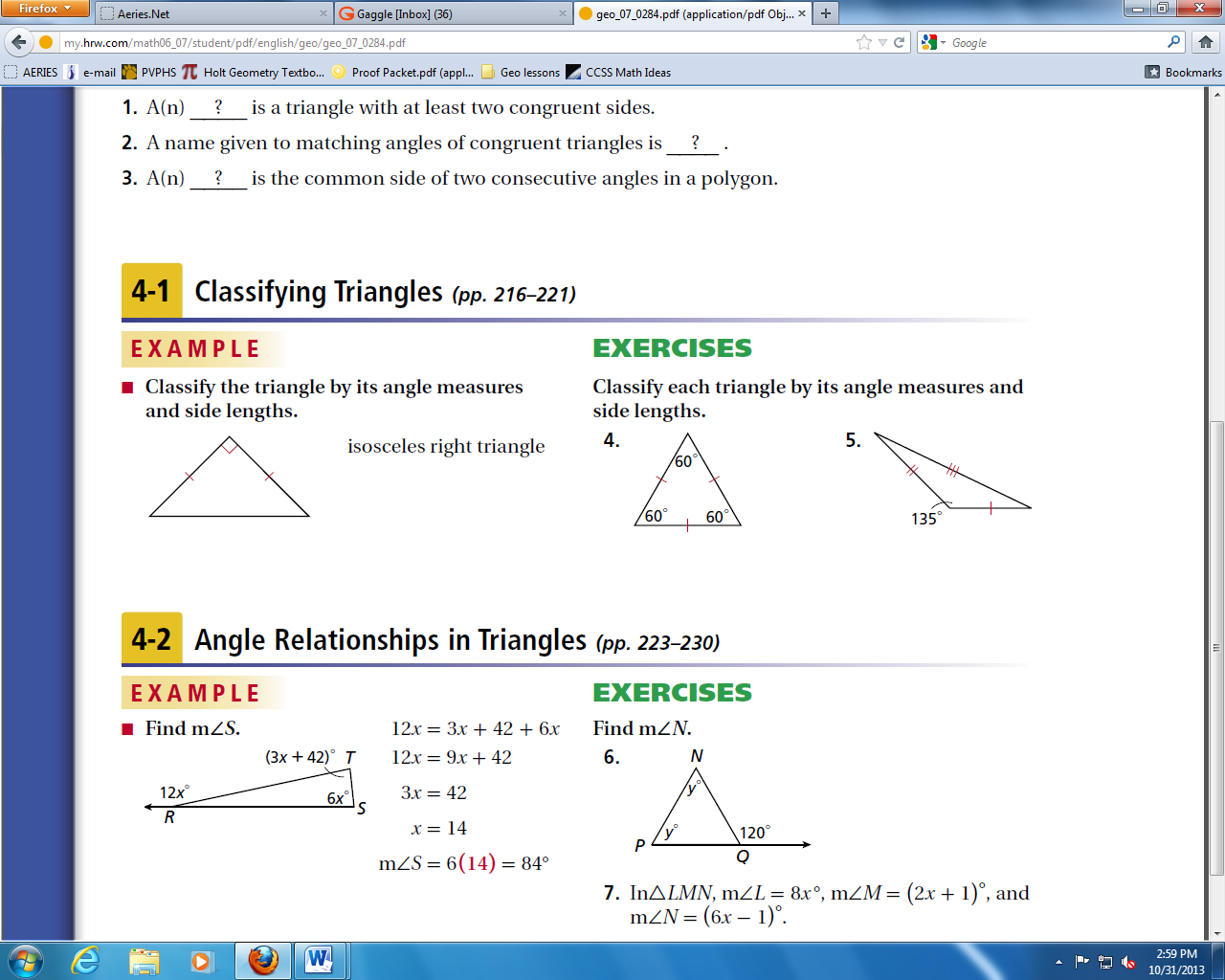
**What can you conclude from the given statement? Provide a reason why. Draw a diagram for #6.**

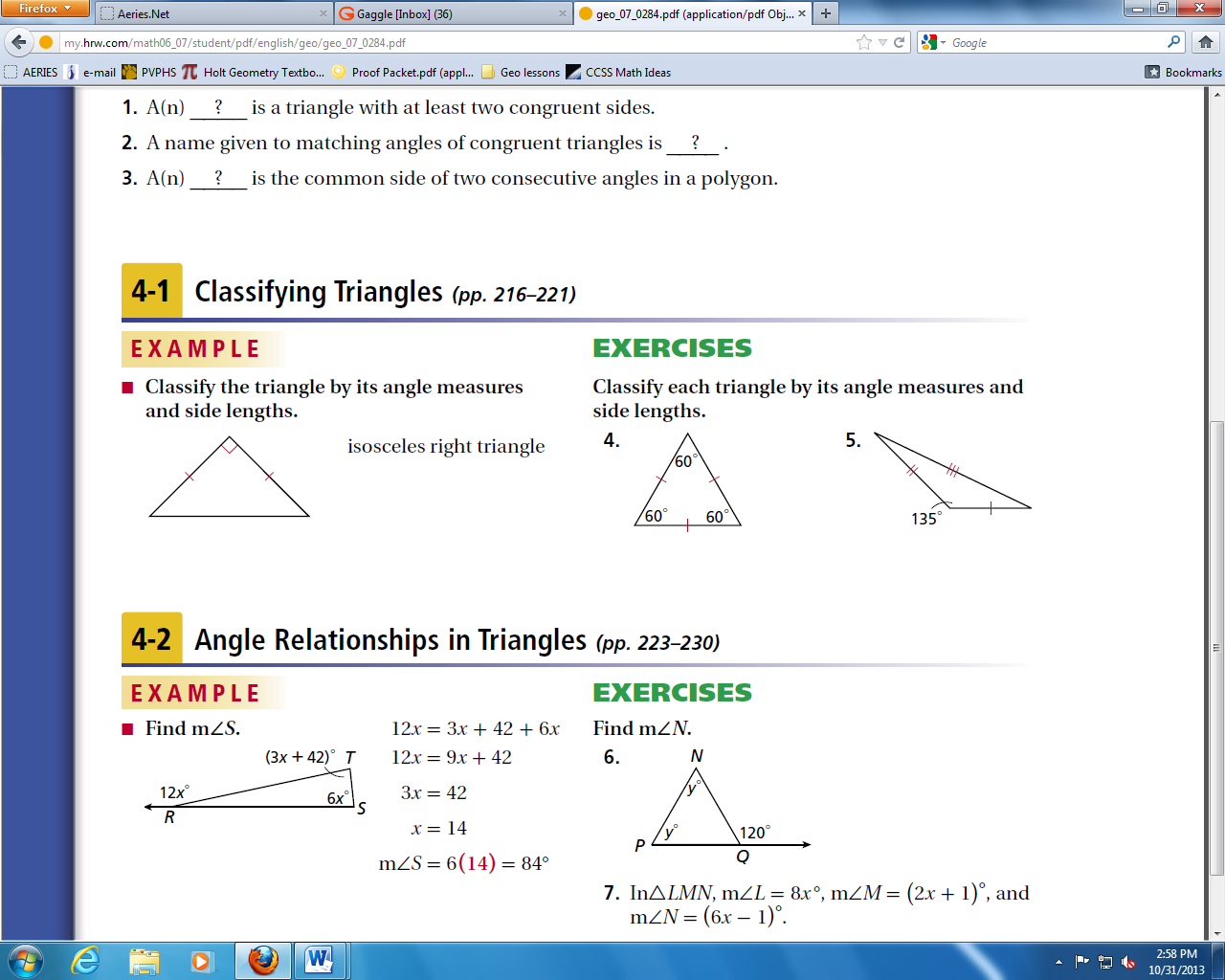
4. bisects , so \_\_\_\_\_\_\_\_ ≅ \_\_\_\_\_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. bisects at point A, so \_\_\_\_\_\_\_\_ ≅ \_\_\_\_\_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

6. so \_\_\_\_\_\_\_\_\_\_ // \_\_\_\_\_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

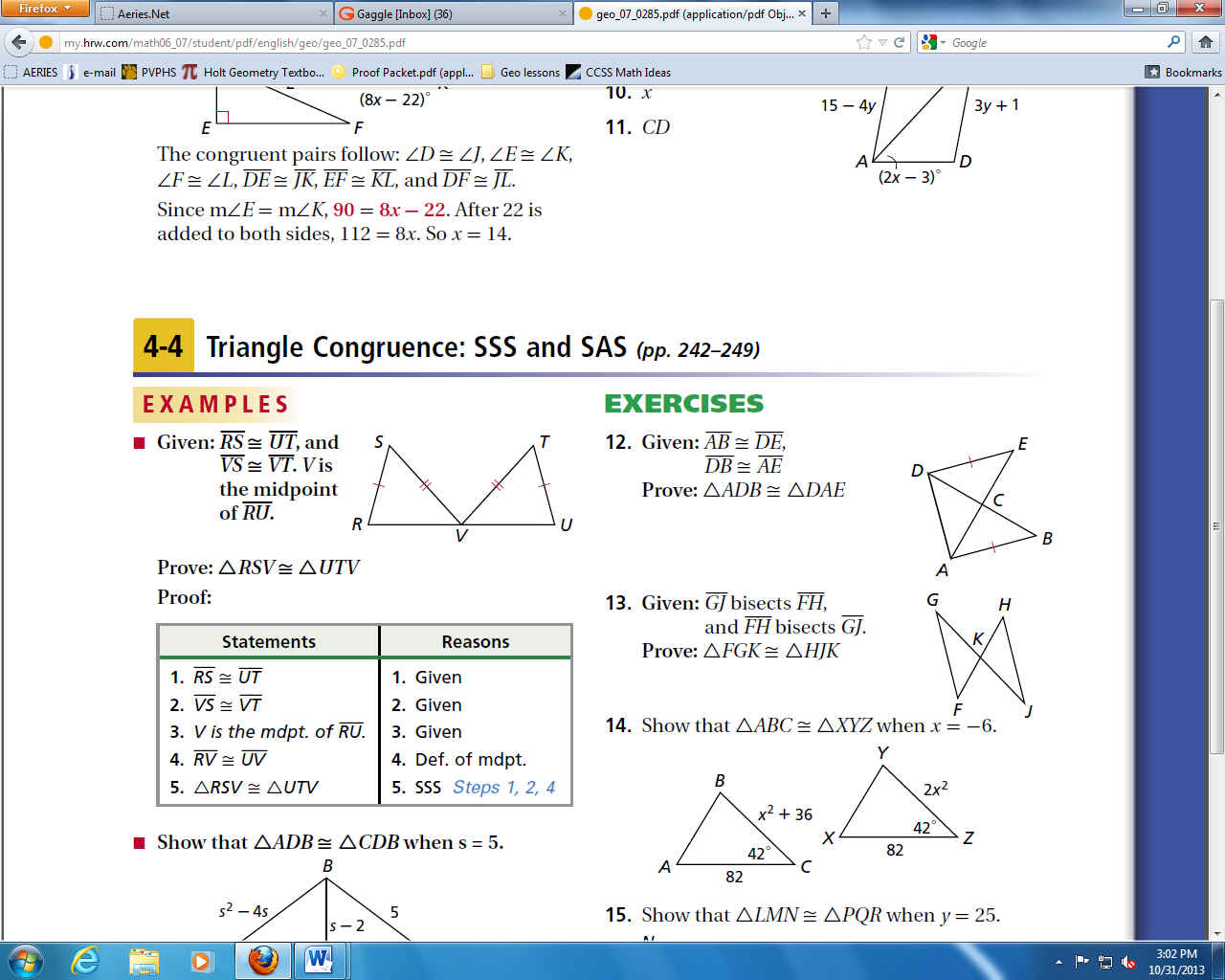
**7. Classify the triangle by its angle measures and 8. Find .**

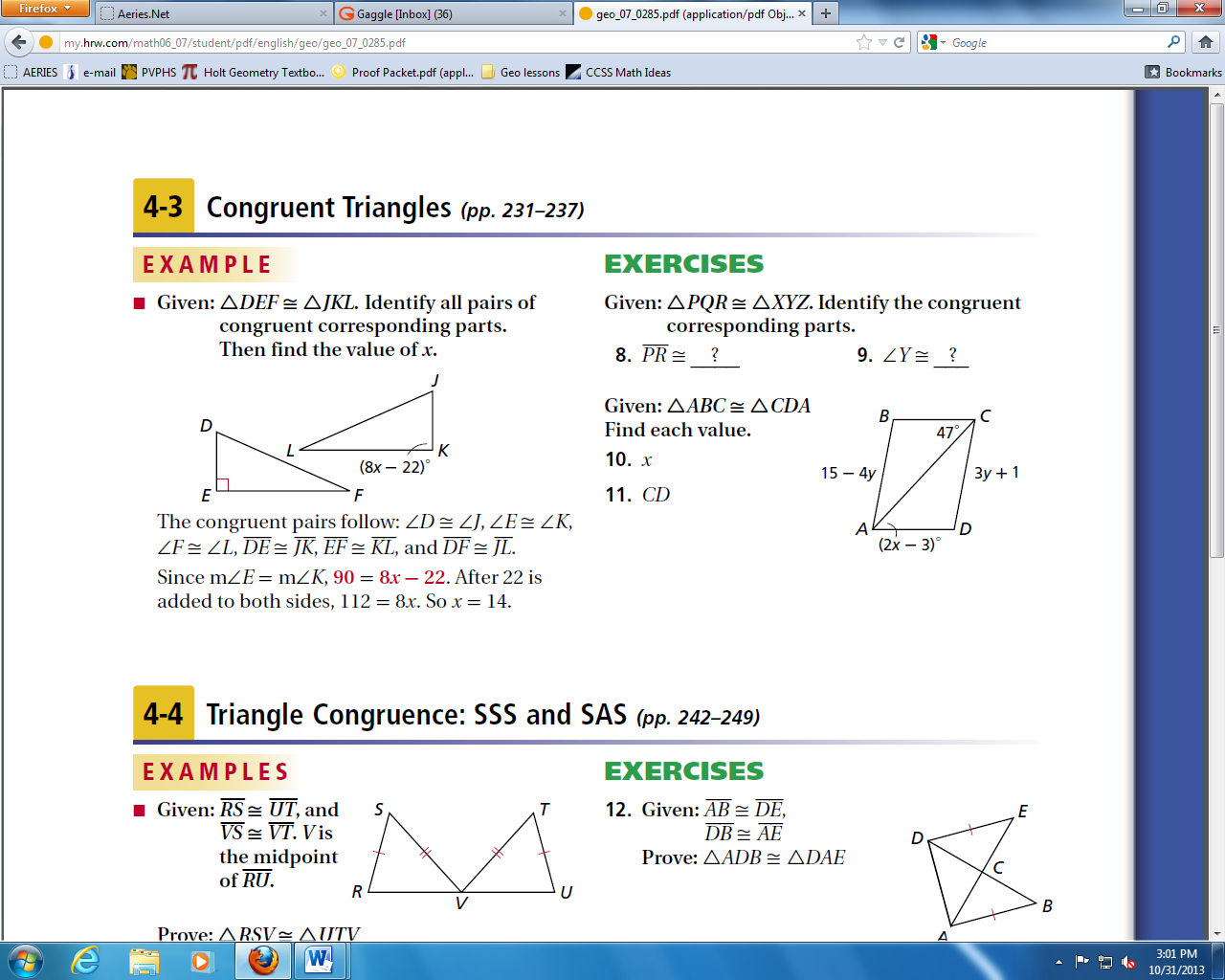
**side lengths.**



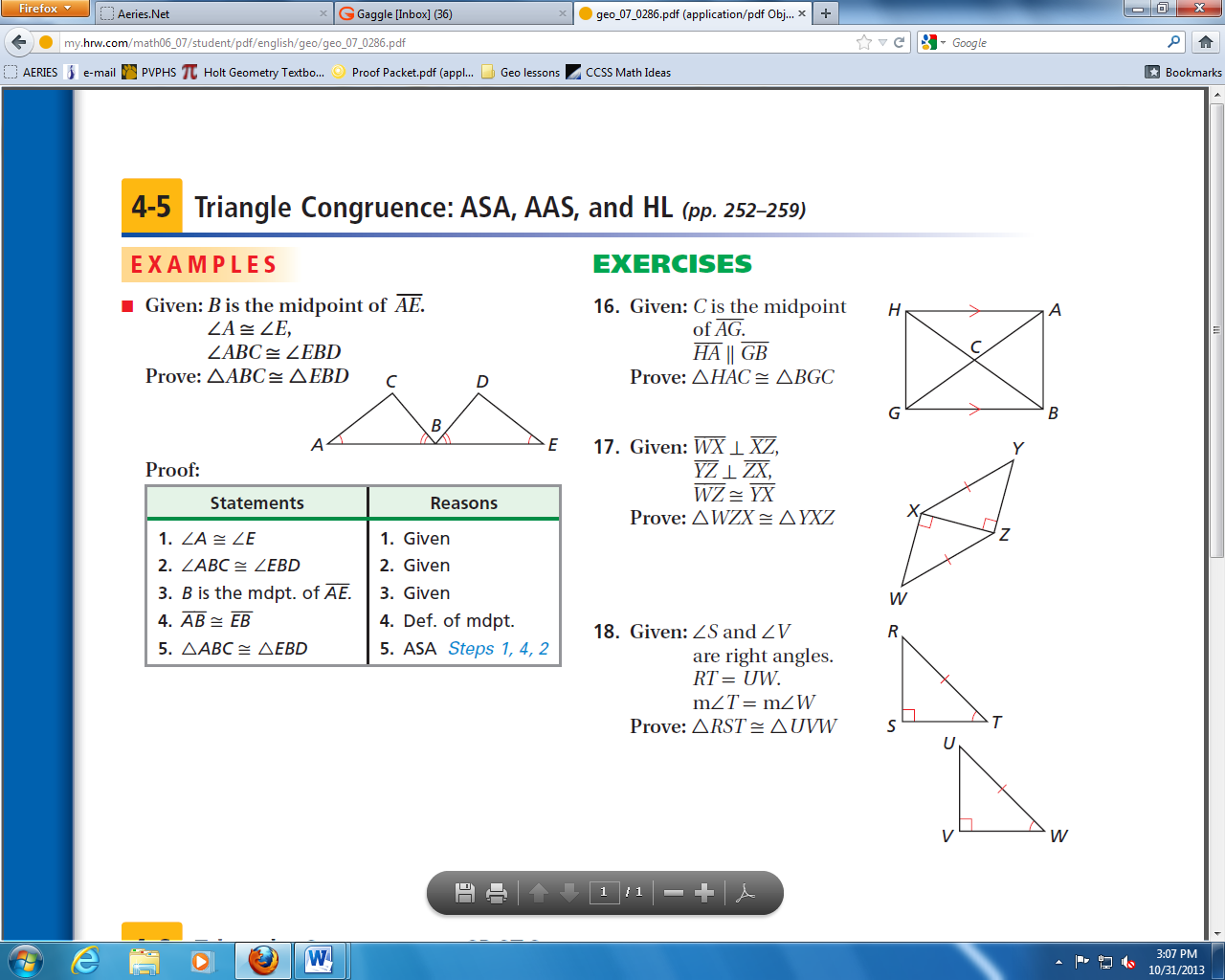
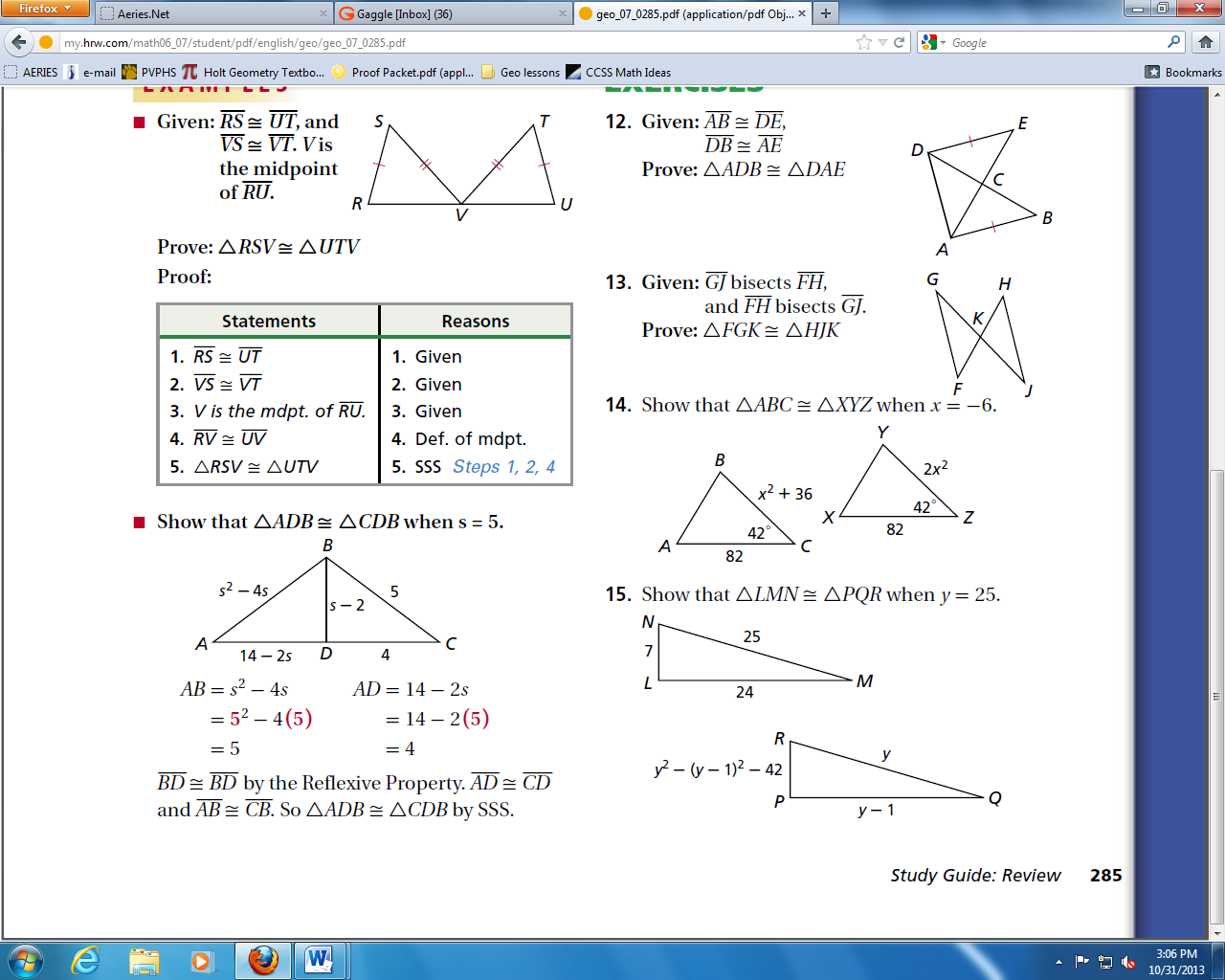
**9. Given: . Identify the congruent corresponding parts.**

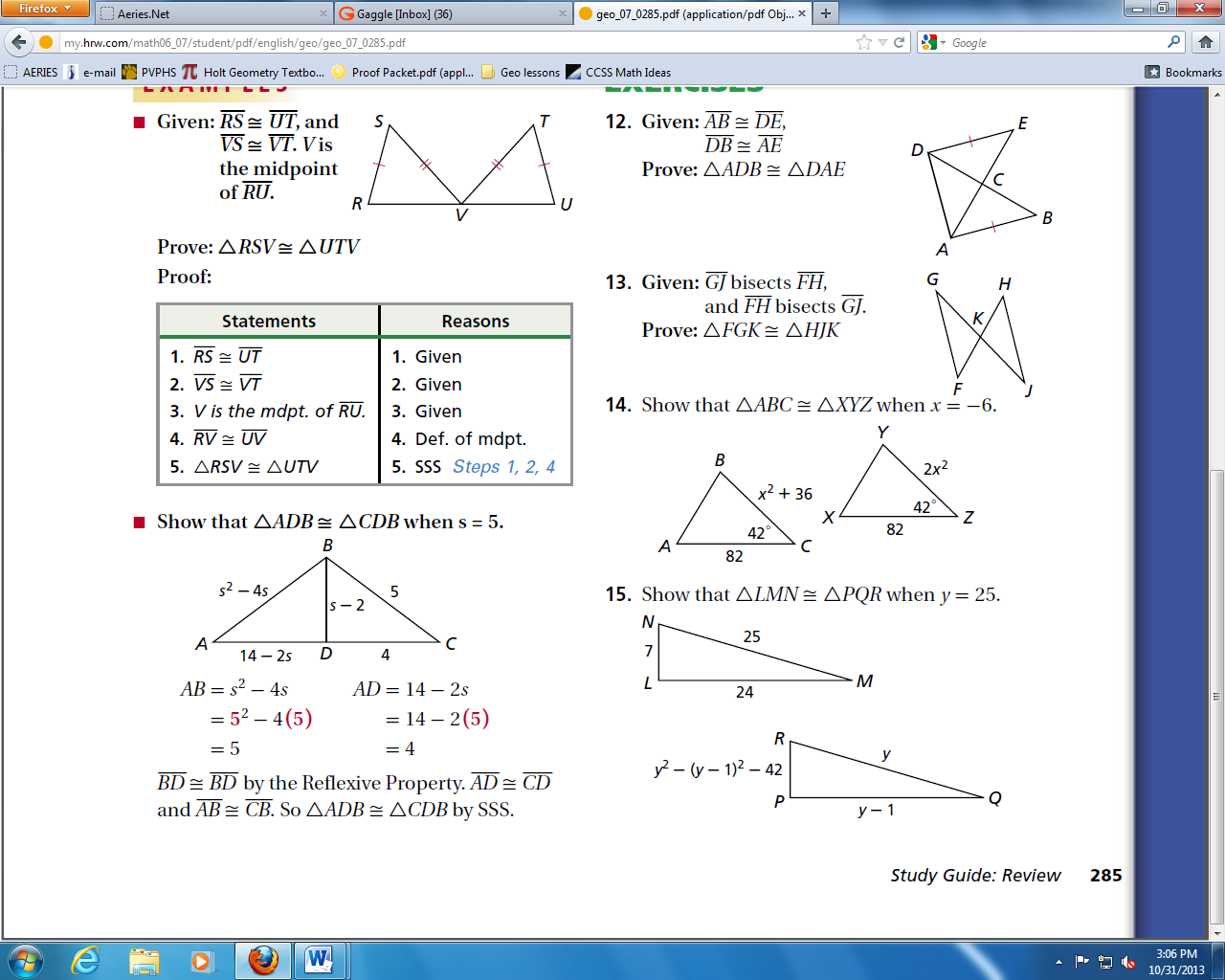
1. \_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_



**10. Given: . Find x. 11.**

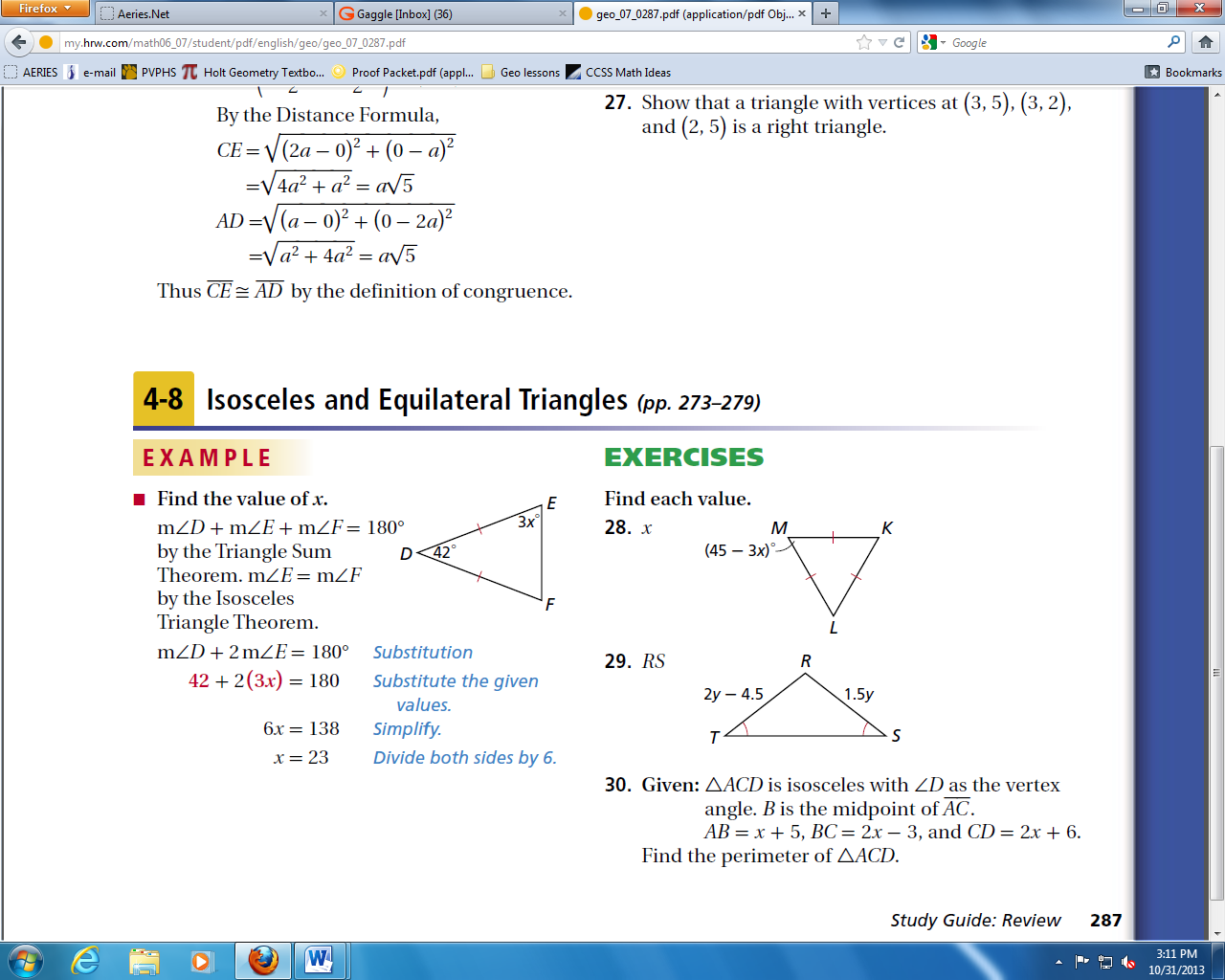
Statements Reasons

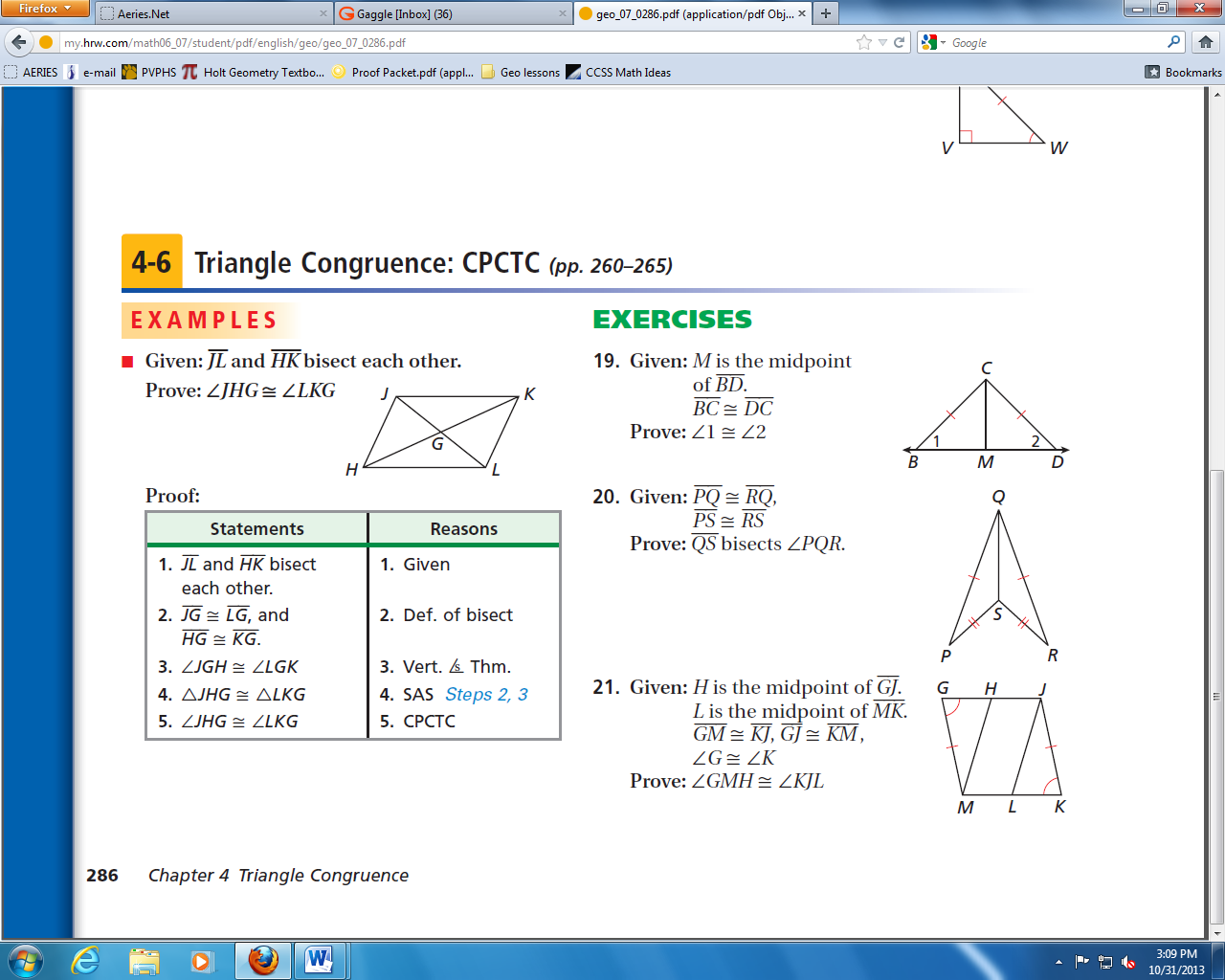
12. 13.



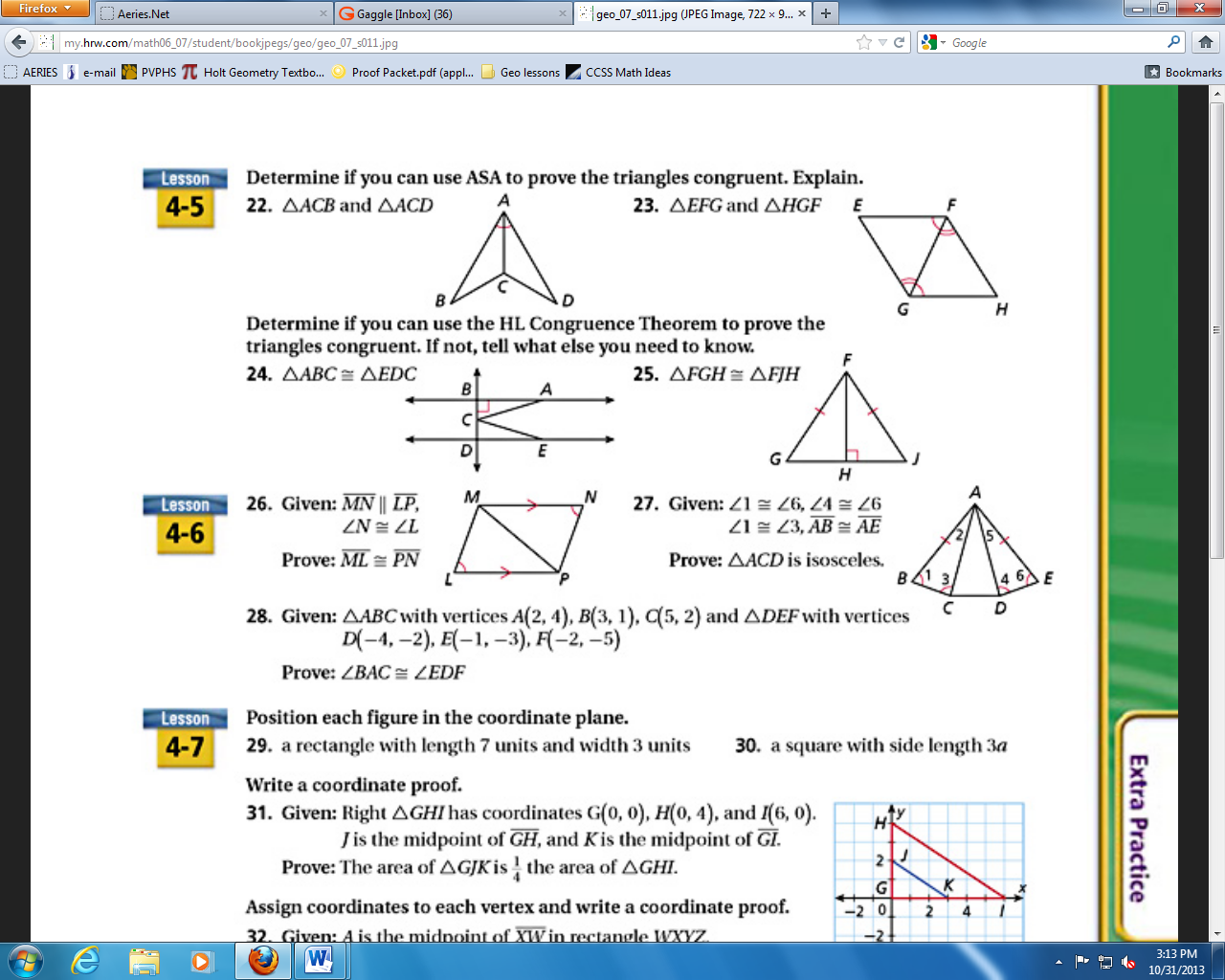
Statements Reasons

14. Find the value of x.





15. Statements Reasons



16. Statements Reasons