

## CW/HW: page 101-102: 7,9,13-15,35,38

Each conditional statement below is true. Write its converse. If the converse is also true, combine the statements as a biconditional.

7. If two segments have the same length, then they are congruent.

9. If a number is divisible by 20, then it is even.

What you don't finish in class  
is homework!!

Write the two statements that form each biconditional.

13. A line bisects a segment if and only if the line intersects the segment only at its midpoint.

14. An integer is divisible by 100 if and only if its last two digits are zeros.

15. You live in Washington, D. C., if and only if you live in the capital of the United States.

Write each statement as a biconditional.

35. Points in Quadrant III have two negative coordinates.

HW: WS Algebra Review  
Week 6

38. A hexagon is a six-sided polygon.