

Due: 8 September 2008 (Monday)

Points: 25 points

You should redo each of the following homework problems. Make sure to follow the guidelines below to insure that you receive full credit.

p. 64 #4a

p. 86 #17

p. 64 #14

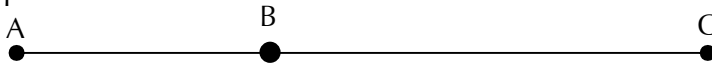
p. 91 #10

p. 69 #23

- All work should be neat and organized on **ONE** side of notebook paper.
- Don't be afraid to use several sheets of paper.
- Work in pencil.
- **Recopy** any figures and make the appropriate markings directly on the figure.
- **Indicate which law or postulate that you use (see example below) to set up equations.**
- To get full credit **you must get the correct answer.**
- All work must be shown.

Example:

p. 2015, #1



Given: $AB = 2x + 3$ Find: AB .
 $BC = x + 12$
 $AC = 24$

Segment addition postulate: $AB + BC = AC$
 $2x + 3 + x + 12 = 24$
 $3x = 9$
 $x = 3$

\therefore

$AB = 2x + 3$
 $= 2(3) + 3$
 $AB = 9$