Chapter 2 Pre-Read Guide

Section 2.1-Perpendicularity

* Define perpendicular and draw an example showing perpendicular lines or segments.
* If two lines or segments look perpendicular in a drawing, can you *assume* that they are?
* Re-copy (and really think through!) Problem 1 on page 62
* Re-copy (and really think through!) Problem 3 on page 63
* Define oblique lines (hint-look on page 65)

Section 2.2-Complementary and Supplementary Angles

* Define complementary angles
* Define supplementary angles
* Re-copy (and really think through) Problem 4 on page 68

(Make sure you understand the “note” found at the end of the problem!)

Section 2.3-Drawing Conclusions

* Re-copy the table concerning drawing conclusions on pg 72
* Make a list of all of the new valid “reasons” we’ve seen so far in Chapter 2.

Section 2.4 Congruent Supplements and Complements

* Re-copy Theorem 4, Theorem 5, Theorem 6, and Theorem 7
* Re-copy (and really think through!) Problem 3 on page 78

Section 2.5-Addition and Subtraction Properties

* Re-copy Thm 8, Thm 9, Thm 10, Thm 11, Thm 12, and Thm 13
* Recopy the table on pg 84 concerning the use of addition and subtraction properties
* Re-copy (and really think through!) Problem 5 on pg 85

Section 2.6-Multiplication and Division Properties

* Recopy Theorem 14 and Theorem 15
* Recopy the table on pg 90 concerning the use of multiplication and division properties
* Re-copy (and really think through!) Problem 4 on pg 91

Section 2.7-Transitive and Substitution Properties

* Recopy Theorem 16 and 17
* Make a list of all the new valid “reasons” that we’ve seen since section 2.3

Section 2.8-Vertical Angles

* Define opposite rays
* Define vertical angles
* Recopy Theorem 18
* Re-copy (and really think through!) Problem 1 on pg 101
* Re-copy (and really think through!) Problem 2 on pg 101
* Re-copy (and really think through!) Problem 3 on pg 102