

Week 22 Geometry Assignment

Day 1: p. 427 #6-15, 19-23

Day 2: p. 431 #7-15, 19-23

Day 3: pp. 437-438 #1-19, 24-28

Day 4: Ch. 10 quiz 1 #1-6, quiz 2 #1-5 (do as worksheets)

Day 5: Cranium Crackers worksheet

Notes on Assignment:

Page 427:

General notes for this section: Most of what you know about plane angles can be applied to dihedral angles. This section is all about making those connections.

Work to show:

#6-9: Answer as directed.

#10-15: Drawings

CR: Answer as directed.

#19-23: These are from chapters 6 and 7 if you need to look back.

Page 431:

Work to show:

#7-11: Answer as directed.

#12-15: Drawings

CR: True/False

#7-11: Try your best on these pictures. Don't worry if they are not "pretty."

#12-15: After you try to sketch these, make sure you check them against the solutions.

Pages 437-438:

Work to show:

#1-5: True/False

#6-11: Three answers for each plus Euler's verification

#12-19: Show any work needed.

#12-18: Remember that these are all prisms. There are 2 bases and then all of the lateral faces. You may need to draw some of these until you figure out the pattern. You can also use Euler's Formula for some of the values, too. If you can fill in 2 of the 3 values, you can solve for the 3rd value.

#18: Look at your table and look for the pattern. For for this problem, put n in for the S column. Then figure out what the other columns are, based on n .

#19: Think of the diagonals of a square. What do you know about them?

Chapter 10 quiz 1 and 2:

No notes.

Cranium Cracker Worksheets:

No notes.