

CP1 GEOMETRY

CHAPTERS 6 AND 7

POLYGONS

HOMEWORK ASSIGNMENTS

Remember to show your work for all problems. Showing only the answer is NOT acceptable if work is required to do the problem. If you can't finish a problem, at least show me that you attempted it.

<u>Assignment</u>	<u>Page</u>	<u>Problems</u>
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#2: Section 7-1	298	1-12, 14, 17ab, 18
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CP1 Geometry
Chapter 6.1 and Chapter 7
Answer Key

Assignment #6, page 320

Assignment #1, page 272

1. No, no
- 2a. AB b. AB c. A, D, B or D, E, T
d. Answers will vary e. s f. s g. E
h. C i. Yes j. $\angle CDB$ and $\angle CDA$
3. No, yes
4. compare with neighbors
5. Discuss with partner
6. If two planes intersect, their intersection is exactly one line
8. compare with neighbors
11. Yes; no

6. 120
7. 45
8. 50; 50
9. 50
10. 6; 80; 40
11. 20
12. 24
- 13a. 5580 b. 360
14. 11
15. 90
16. Equilateral triangle
- 19a. 32.5 b. 122.5 c. 25
20. 115

Assignment #2, page 298

1. 70 2. 50; 60; 120; 70; 110
3. 40; 140 4. 115
5. 48; 60; 72 6. 48
7. 9 8. 20; 90; 70
- 9a. A b. A c. N d. A e. N
10. 90 11. 40; 50
12. 100 14. compare with neighbors
- 17a. 40 b. Rhombus 18. 105

Assignment #3, page 304

1. compare with neighbors
2. 40; 50; 90
3. compare with neighbors
7. compare with neighbors
8. 84 9. 50
10. Don't do 16a. 72.5

Assignment #4, page 309

- 1b. 900 d. 1800 e. 16,380 2. 40
- 3a. 5 b. 9 c. 2 d. 0 4. 84
- 5a. 70 b. 45 c. 65
- 6c. 360 d. 360 7. 3
- 10a. 7 b. 10 d. $x - 2$ e. Impossible
12. 5
- 13.a. heptagon b. decagon c. 22-gon
- 14a. A b. N c. S d. A
15. $18 < x < 36$ 17. 48

Assignment #5, page 316

- 1a. 120 d. 24 e. 15 15/23
- 2c. 140 d. 150 e. 162 5/7
- 4a. 10 d. 20
5. compare with neighbors
6. Isosceles
10. 168
11. Pentagon
12. Equiangular nonagon
- 13a. A b. S c. A d. S e. S f. N