Chapter 1 Homework Answers

pg 7-8 Written Examples (1-26)

1. True
2. True
3. True
4. True
5. True
6. False
7. True
8. False
9. False
10. True
11. Drawing
12. Drawing
13. VWT, VST, VRS, VWR, WRST
14. No
15. , , 
16. VST, WRST
17. VRS, VST, WRST
18. WRST and (for example)
19. Drawing
20. Drawing
21. RSGF and FGCB
22. Line EA, line ER, Line EH
23. ABCD, REABF, GFBC
24. A. no b. yes
25. A. Yes b. No
26. A REABF and SHDCG b. AEHD and BFGC (for example)

pg 15-16 (1-39) odd

 1. 15

 3. 4.5

 5. True

 7. True

 9. False

 11. False

 13. True

 15. True

 17. False

 19. B

 21. C, G

 23. D

 25. -1

 27. Drawing

 29. Drawing

 31. a. 5 b. 10 c. 10 d. 6

 33. x=6

 35. x = 3

 37. y=6

pg 21-22 (2-32) even

 2. 

 4. 

 6. 

 8. 

 10. acute

 12. acute

 14. obtuse

 16. 1

 18. 180

 20. Draw with protractor

 22. Draw with protractor

 24. 1

 26. a. 90, 90, 90 b. 87, 93, 87

 28. B must be in the interior of angle AOC

 30. x = 4

 32. x = 30

pg 25 (3-16)

1. A. a line b. if 2 lines intersect, then their intersection is a line
2. A. Line AB is in the plane b. If 2 points are in the plane, then the line that contains those points is in the plane
3. Through any 2 points is exactly 1 line
4. ABCD
5. ACGE
6. Line CD
7. Lines AB, CD, AD, BC
8. Lines AC and BD
9. ABCD, DCGH, ABGH
10. Obtuse – right-acute-obtuse Right – Right – Right – Right
11. No
12. Yes
13. No
14. Yes