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