

Geo
Ch 7 Study Guide - Final Exam (ALL Need work or theorem shown)

(All Need work or theorem shows)

$$\begin{array}{r} 1. \quad 1 \\ \hline 278 \end{array}$$

2. True

3. False

4. $x = 33$

5. $x = 6$

6. $x = 5/2$

7. Yes, by AA ω

8. No sides

$$\triangle ABC \sim \triangle XYZ$$

not

$$S. ratio = 2,$$

proportional

9. no-corresponding
L's not $\cong$

10. No, sides not proportional

11. $\angle O$ 12. $\angle J$
 $\uparrow$ angle

13 40

14. LO

15. $x = 24/5$

16. $x \approx 10$

17. All sides in proportion

SSN

$$\Delta x_{PM} \sim \Delta A_{WL}$$

18. sides in proportion

Vertical z's $\underline{z}$

$SAS \sim \triangle OMP \sim \triangle AMB$

19. Vertical CS $\cong$

SAS ~

$$\Delta A \times B \sim \Delta R \times C$$

20. SSS ~

$$\triangle ABC \sim \triangle XYZ$$

21. $557_4 = x$

22. $x = 20/3$

23. $x = 33$

29. $x = 8$

25: $x = \sqrt{77}$

26. $x = 4\sqrt{3}$

$$x = 8\sqrt{3}$$

27. $x = 9/2$

28. $x = \sqrt{55}$

$$y = 4\sqrt{5}$$

29. $x = 16/3$

$$30 \times = 2$$

31. $x=4$

32. $x = 780$