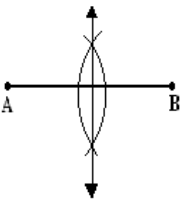


Geometry 1-2 and Geometry CD
Review for Final Exam

ANSWER KEY

1. $45^\circ < m < 90^\circ$	26. $5\sqrt{2}$ cm
2. a) altitude b) median c) angle bisector	27. RS = 16
3. AB = 24	28. ED = 9 cm
4. 	29. $m\angle A = 49^\circ$
5. I will get a passing grade <u>if I study</u>	30. $\ell \approx 13.79$
6. $m\angle C = 57^\circ$	31. 32.5 meters
7. $m\angle z = 65^\circ$	32. 900 revolutions
8. a) T b) T c) F d) T	33. $V = 1536\pi$ cm ³
9. $m\angle P = 57^\circ$	34. $V = 2106$ cm ³
10. $m\angle A = 60^\circ$	35. d = 6 cm
11. $m\angle 3 = 73^\circ$	36. $V = 125$ cm ³
12. $\angle C, \angle B, \angle A$	37. $m = -\frac{3}{2}$
13. $m\angle XYZ = 101^\circ$	38. $m = -2$
14. AAS	39. AB = 10
15. $2 < JK < 28$	40. (-7, 7)
16. FG = 13.5	41. 30.25π cm ²
17. MW = 60 cm	42. OR = 15
18. The largest is $\angle P = 100^\circ$	43. 102.4 cm ²
19. $m\angle S = 72^\circ$	44. Area = 6π cm ²
20. any of the congruence theorems and postulates can be used since AD = DB and $\angle A \cong \angle B$	45. Center (-4, 3), radius = 6
21. $x = 10 \Rightarrow RP = 70$	46. DE = 12
22. 120°	47. $m\angle ABC = 90^\circ$
23. 480 cm ²	48. 40 cm
24. RJ = 10 cm	49. $m\widehat{ABC} = 180^\circ$
25. $AC = 6\sqrt{3}$	50. (2) $\angle 1 \cong \angle 4, \angle 2 \cong \angle 3$ (3) Identity (Reflexive Property) (4) ASA (5) CPCTC