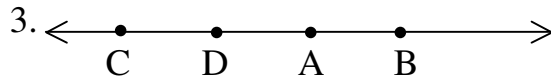


Geometry Review Answers:

1. 35

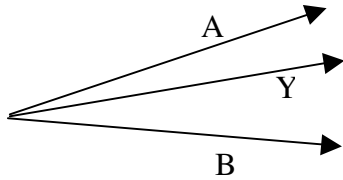
2. 7, 9, 11



4. 29

5. $x = 8$, so the angles are 24 & 42

6.

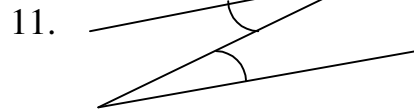


7. (5, 0)

8. False

9. $x = 3$

10. 113



12. 103

13. No conclusion possible

14. 7

15. both have slope $5/4$... parallel

16. A. \overline{LN} B. $\angle UVW$

17. SSS or SAS

18. A. Yes. $\triangle QRT \cong \triangle SRT$ by SAS, so $QR = SR$ by CPCTC B. Isosceles

19. $\triangle HIJ \cong \triangle LKJ$ by ASA

20. $\triangle HIJ \cong \triangle JKL$ by SAS

21. Since $AC = AC$, $\triangle ABC \cong \triangle ADC$ by SAS

22. Show $\triangle BEC \cong \triangle DEA$ by SAA and $AE = EC$ & $BE = ED$ by CPCTC, $\triangle BEA \cong \triangle DEC$ by SAS

23. $IC = CK$; $IJ = JK$ & $ID = DK$

24. $LO = 4$ & $MN = 6$

25. False

26. $x = 3/4$

27. A. 7.5 B. $x = 3$, so $NM = 7$

28. \overline{AC}

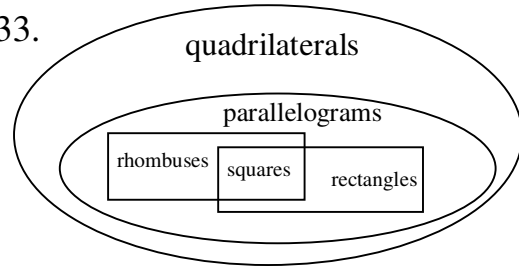
29. Yes

30. All angles and sides are =

31. A. 112 B. 19 C. 68 D. 34

32. & others

33.



34. 20

35. quadrilateral

36. \overline{AF} or \overline{GH}

37. A

38. A secant is a line that intersects a circle twice.

39. $\angle QAO$ and $\angle QCO$

40. 238

41. 80; 40

42. $360 - 72 = 288$; 36

43. $(8 - 2)180 = 1080$

44. int. = 108; ext. = 72

45. $6(3.14) = 18.84$

46. $d = 96$; $r = 48$; arc = 32π

47. $10(22)(3.14) = 690.8$