Loz ch 13 review

6. $65+65=130$ $180-130=50°$ $a=65°$ $b=50°$
Isosceles and acute.

7. $90+43=133$ $180-133=47°$ $c=47°$ Right triangle and isosceles.

8. $180-60=120 \div 2=60$ $d=60°$ Equilateral and acute.

9. $120+23=143$ $180-143=37$ $e=37°$ Obtuse and Scalene.

10. AB = 3cm

11. BC = 5cm

12. AC = 6cm

13. AB = 3cm BC = 5cm $5+3=8$ cm AC = 6cm 8 ≠ 6

14. AB = 3cm AC = 6cm $6+3=9$ cm BC = 5cm 9 ≠ 5

15. AC = 6cm BC = 5cm $6+5=11$ cm AB = 3cm 11 ≠ 3

16. ADBC and LKIJ

17. $180 \div 3=60°$ $a=60°$

18 $90+45=135$ $180-135=45°$

19. $180-70=110$ $110\div2=55°$ $C=55°$

20. $180-60=120$ $X=120°$

21. $180-114=66$ $66\div2=33$ $Y=33°$

22. $180-125=35°$ $Z=55°$

23. $23°$

24. $180-70=110$ $110\div2=55°$ $X=55°$

25 $180-10=90$ $90-60=30°$ $Y=70°$ $Z=60°$

26. $X=14$ $148\div2=74$ $70-60=14$ $180-32=148$