

Cumulative Review

For use after Chapter 1

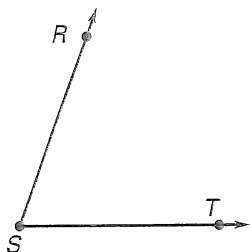
Use a protractor to construct the angle described. (1.4)

20. $m\angle ABC = 70^\circ$

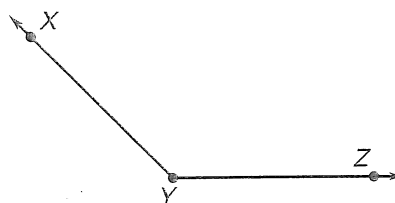
21. $m\angle DEF = 120^\circ$

Use a protractor to measure the angle to the nearest degree. (1.4)

22.



23.



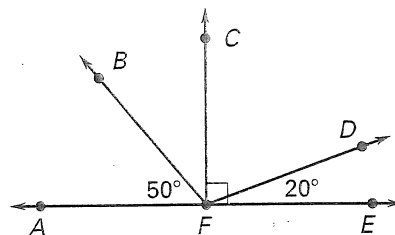
Use the Angle Addition Postulate to find the measure of the unknown angle. (1.4)

24. $m\angle CFD = ?$

25. $m\angle BFC = ?$

26. $m\angle AFD = ?$

27. $m\angle BFE = ?$



Find the coordinates of the midpoint of a segment with the given endpoints. (1.5)

28. $A(7, 3), B(9, -1)$

29. $A(-6, 6), B(4, 10)$

30. $A(-2, -6), B(7, 0)$

31. $A(12, 5), B(3, -3)$

$\angle A$ and $\angle B$ are complementary. Find $m\angle A$ and $m\angle B$. (1.6)

32. $m\angle A = 7x + 1$

33. $m\angle A = 5x + 11$

$m\angle B = 5x - 7$

$m\angle B = 2x - 5$

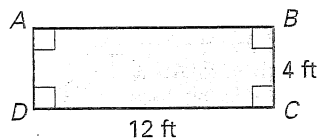
Find the perimeter (or circumference) of the figure described. (When necessary use $\pi \approx 3.14$.) (1.7)

34. Circle with diameter 40 feet

35. Rectangle with length 6 yards and width 3 yards

Find the area of the figure. (1.7)

36.



37.

