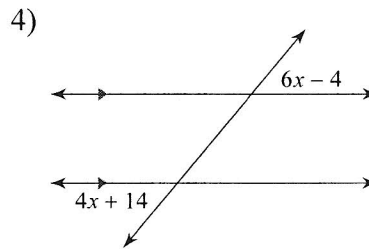
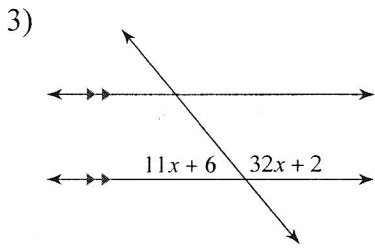
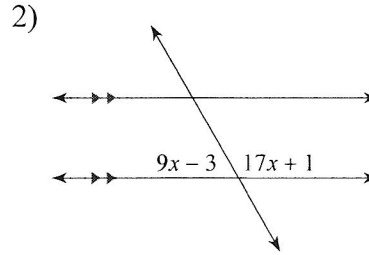
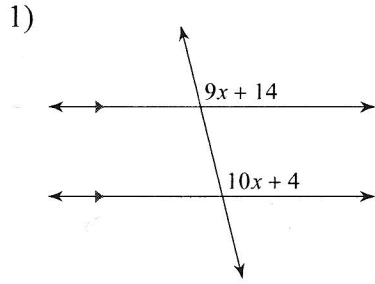


**FINAL REVIEW**

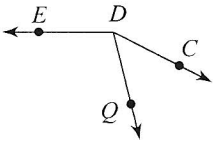
Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

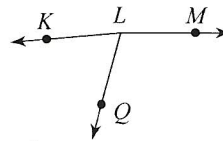
**Solve for  $x$ .**



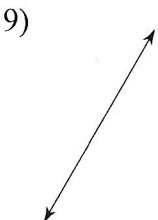
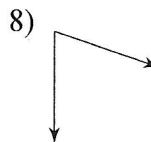
5)  $m\angle CDE = 153^\circ$  and  $m\angle CDQ = 49^\circ$ .  
Find  $m\angle QDE$ .



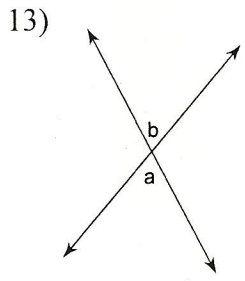
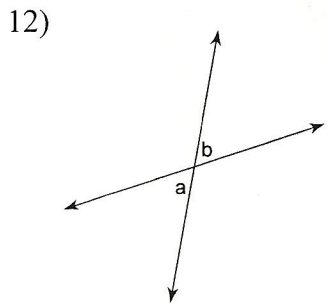
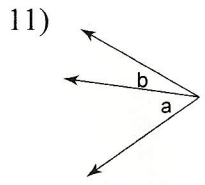
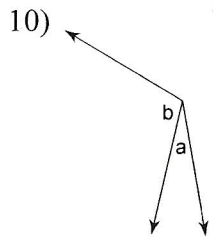
6) Find  $m\angle MLQ$  if  $m\angle QLK = 70^\circ$   
and  $m\angle MLK = 175^\circ$ .



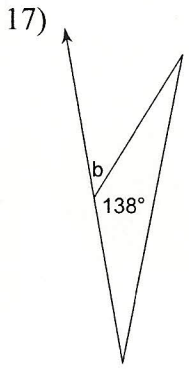
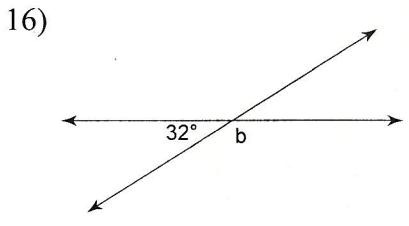
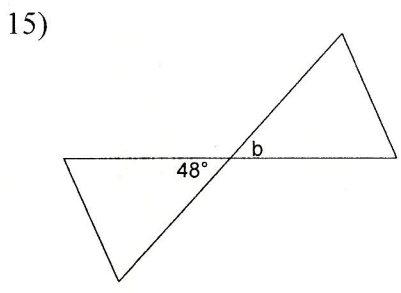
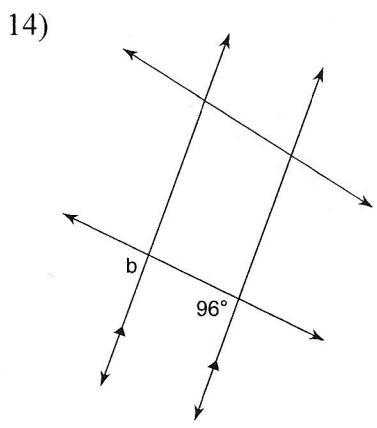
**Classify each angle as acute, obtuse, right, or straight.**



Name the relationship: complementary, linear pair, vertical, or adjacent.

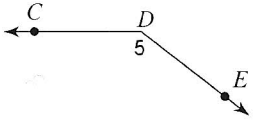


Find the measure of angle b.

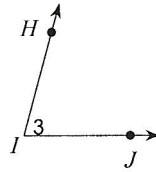


Name each angle in four ways.

18)

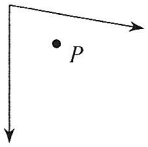


19)

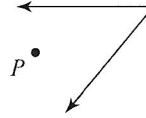


State if the given point is interior, exterior, or on the angle.

20)

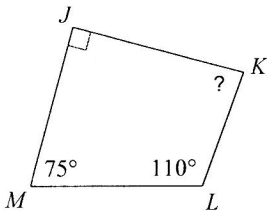


21)

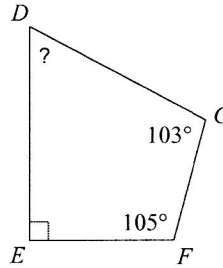


Find the measure of each angle indicated.

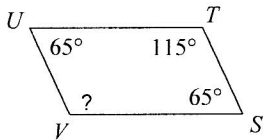
22)



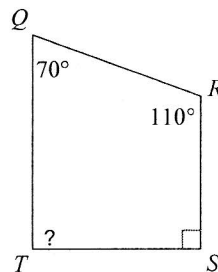
23)



24)

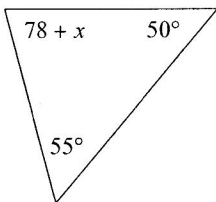


25)

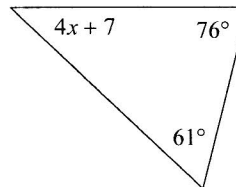


Solve for  $x$ .

26)

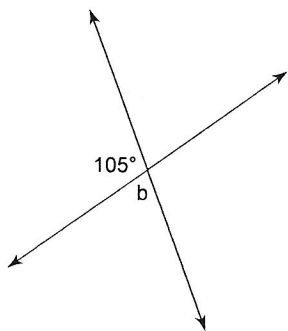


27)

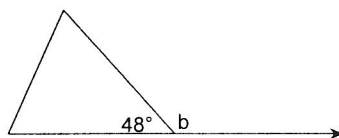


Find the measure of angle b.

28)

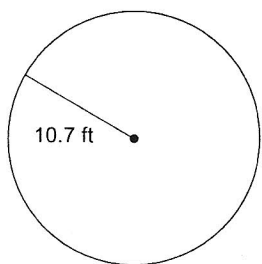


29)



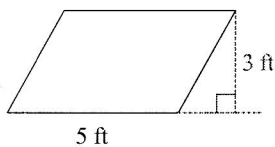
Find the area of each. Use your calculator's value of  $\pi$ . Round your answer to the nearest tenth.

30)

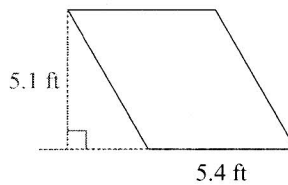


Find the area of each.

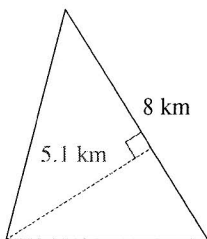
31)



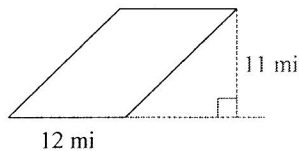
32)



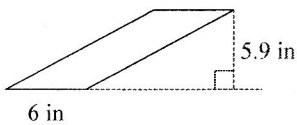
33)



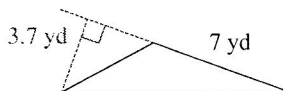
34)



35)

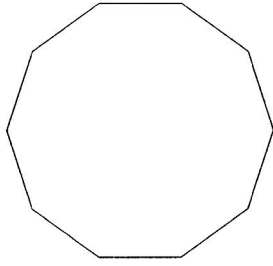


36)



Find the area of each figure. Round your answer to the nearest tenth.

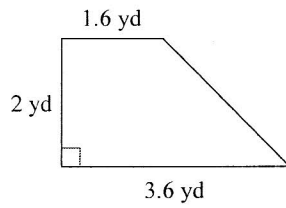
37)



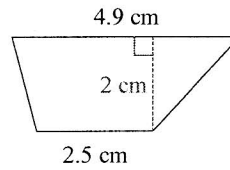
Perimeter = 30 cm

Find the area of each.

38)

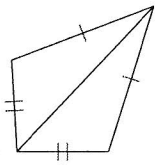


39)

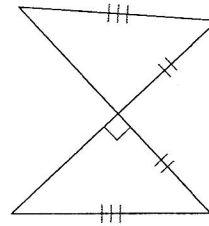


State if the two triangles are congruent. If they are, state how you know.

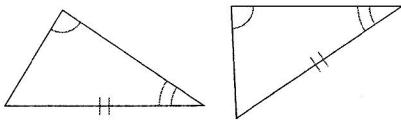
40)



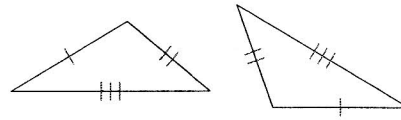
41)



42)

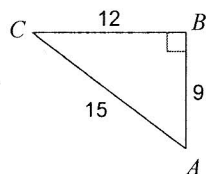


43)

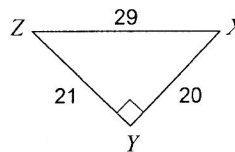


Find the value of each trigonometric ratio.

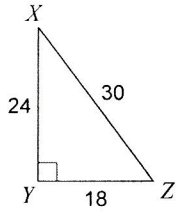
44)  $\sin C$



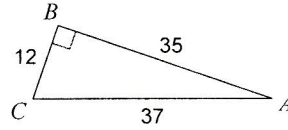
45)  $\sin Z$



46)  $\sin X$

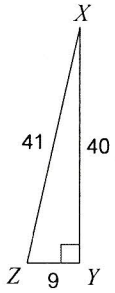


47)  $\cos A$

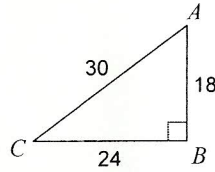


Find the value of each trigonometric ratio to the nearest ten-thousandth.

48)  $\cos Z$

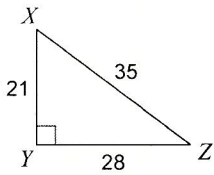


49)  $\cos C$



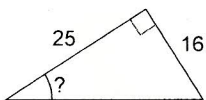
Find the value of each trigonometric ratio.

50)  $\cos X$



Find the measure of the indicated angle to the nearest degree.

51)



52)

