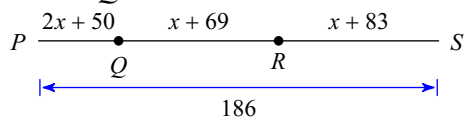


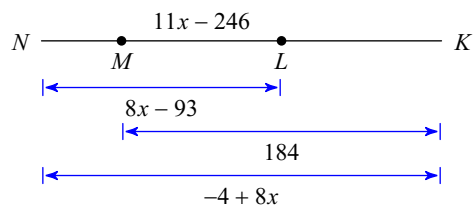
Geometry - Homework 6

Find the length indicated.

1) Find PQ



2) Find NL



Draw an angle with the given measurement.

3) 120°

4) 110°

5) 145°



6) 160°



7) 85°



8) 164°



9) 18°



10) 76°



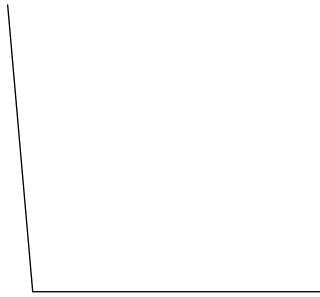
11) 162°

12) 134°

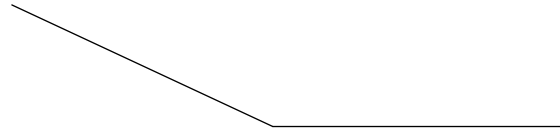


Find the measure of each angle to the nearest degree.

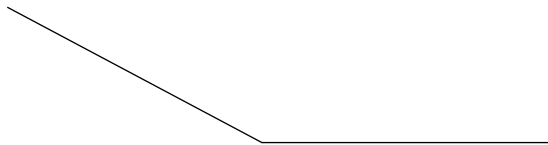
13)



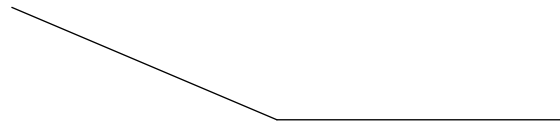
14)



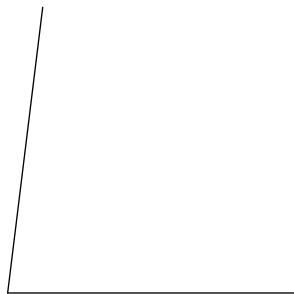
15)



16)

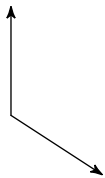


17)



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

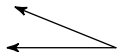
18)



19)



20)



21) 11°

22) 90°

23) 73°

24) 119°

25) 180°

Draw and label an angle to fit each description.

26) an obtuse angle, $\angle W$

27) an acute angle, $\angle 5$

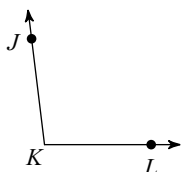
28) an acute angle, $\angle 4$

29) a straight angle, $\angle IJK$

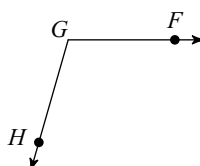
30) an obtuse angle, $\angle U$

Name the vertex and sides of each angle.

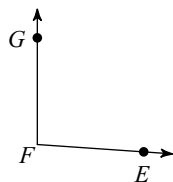
31)



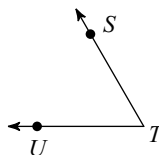
32)



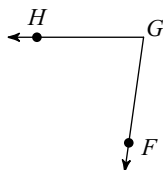
33)



34)

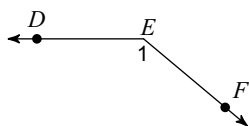


35)

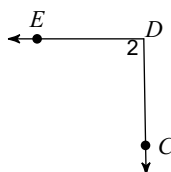


Name each angle in four ways.

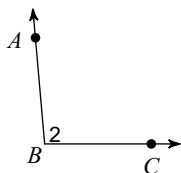
36)



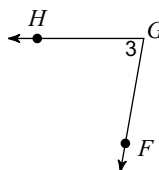
37)



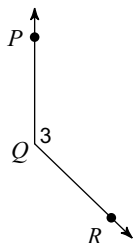
38)



39)

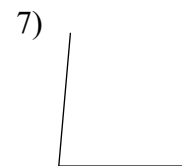
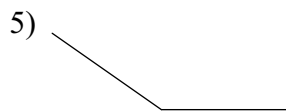
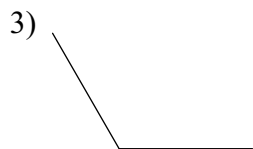


40)



Answers to Geometry - Homework 6

1) 42



13) 95°

15) 152°
23) acute

17) 83°
25) straight

19) obtuse
27)

21) acute
29)

31) K, \overrightarrow{KJ} and \overrightarrow{KL}

33) F, \overrightarrow{FG} and \overrightarrow{FE}

35) G, \overrightarrow{GF} and \overrightarrow{GH}

37) $\angle D, \angle 2, \angle CDE, \angle EDC$

39) $\angle G, \angle 3, \angle FGH, \angle HGF$