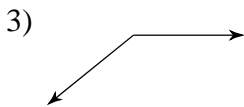
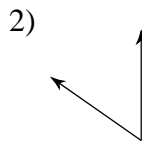
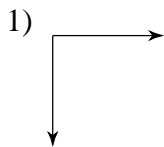


**Chapter 1 Practice Test**

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

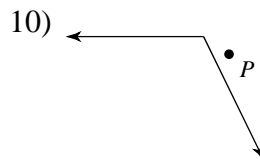
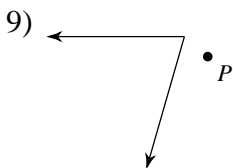
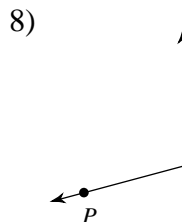
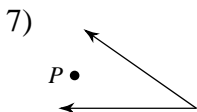


4)  $180^\circ$

5)  $141^\circ$

6)  $90^\circ$

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



**Find the midpoint of the line segment with the given endpoints.**

11)  $(5, -4), (-2, -6)$

12)  $(2, 0), (-8, 4)$

13)  $(9, 5), (-9, 4)$

14)  $(-1, 3), (-1, 7)$

**Find the distance between each pair of points.**

15)  $(-7, 2), (0, 3)$

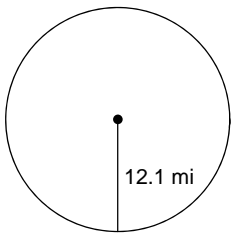
16)  $(-4, -2), (5, 2)$

17)  $(0, 2), (2, 1)$

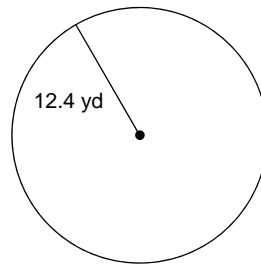
18)  $(7, -2), (2, -6)$

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

19)

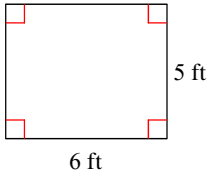


20)

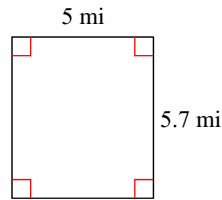


Find the area of each.

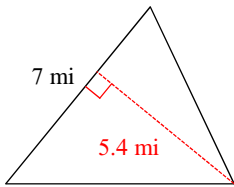
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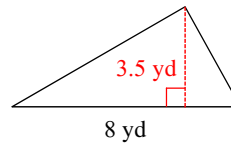
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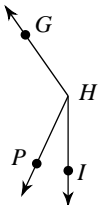
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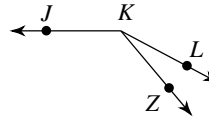
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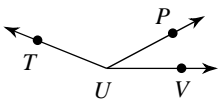
25)  $m\angle PHG = 120^\circ$  and  $m\angle IHG = 145^\circ$ .  
Find  $m\angle IHP$ .



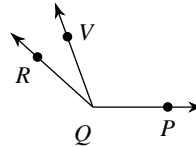
26) Find  $m\angle ZKJ$  if  $m\angle LKZ = 22^\circ$   
and  $m\angle LKJ = 152^\circ$ .



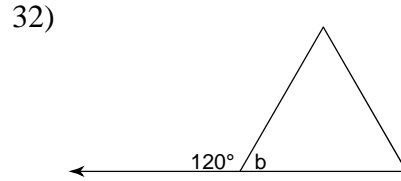
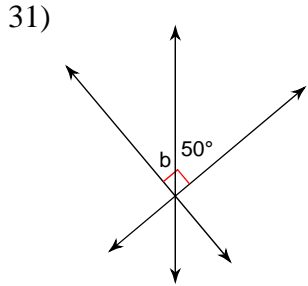
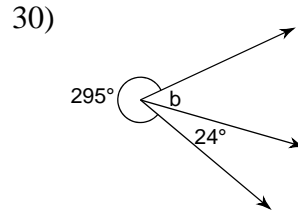
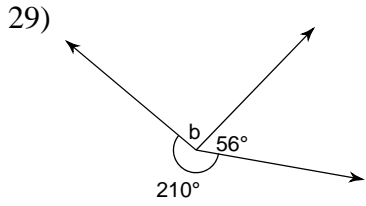
27) Find  $x$  if  $m\angle PUV = 5x - 2$ ,  $m\angle TUP = 130^\circ$ ,  
and  $m\angle TUV = 25x + 8$ .



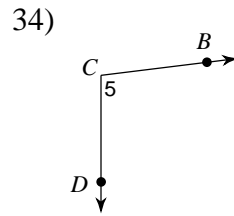
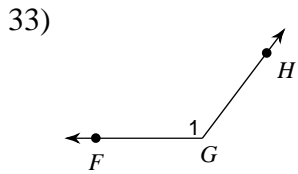
28) Find  $x$  if  $m\angle RQV = 28^\circ$ ,  $m\angle RQP = 19x + 5$ ,  
and  $m\angle VQP = 12 + 14x$ .



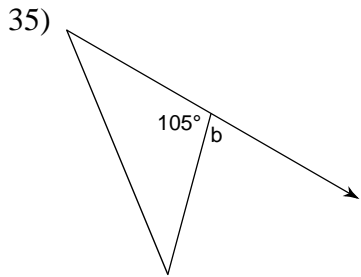
Find the measure of angle b.



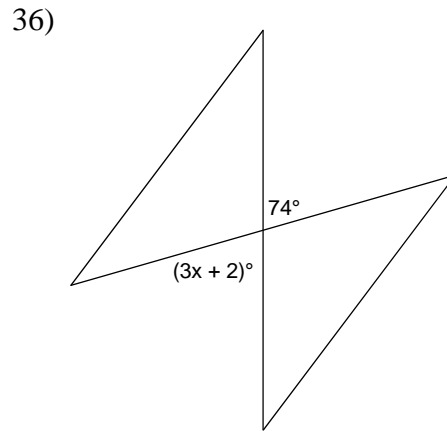
Name each angle in four ways.



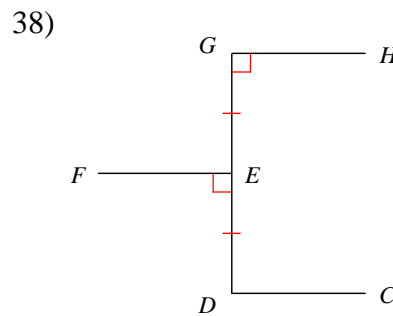
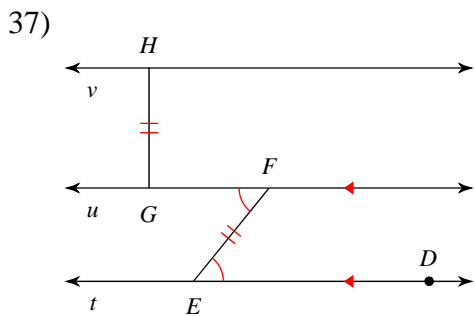
Find the measure of angle b.



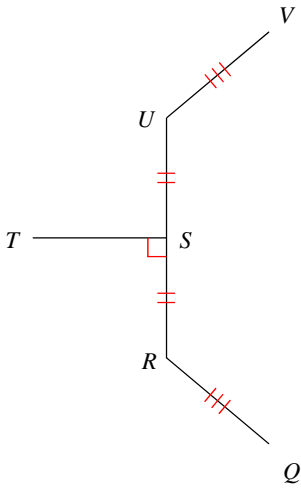
Find the value of x.



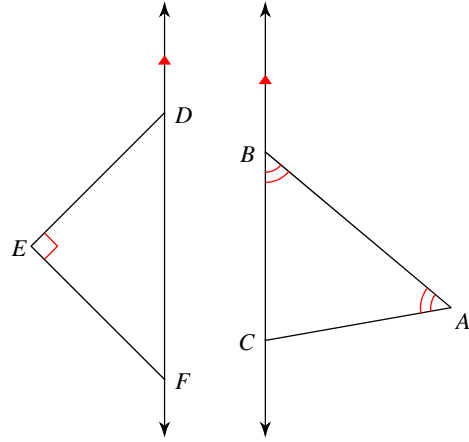
List all information given by the marks on the diagram.



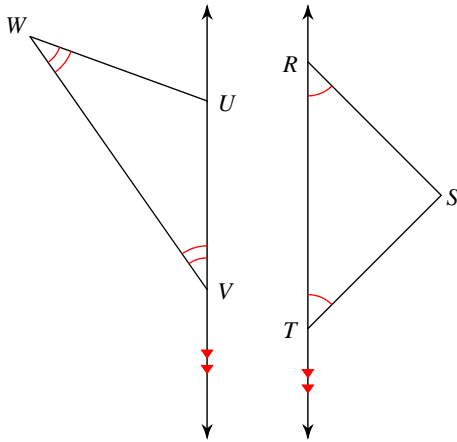
39)



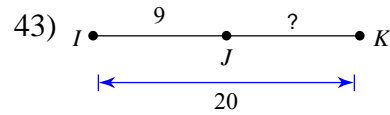
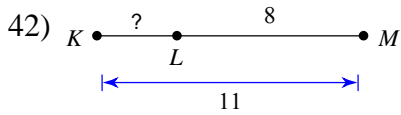
40)



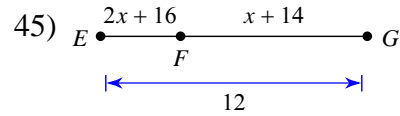
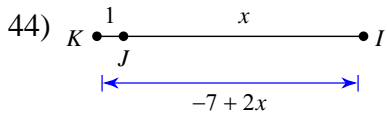
41)



**Find the length indicated.**

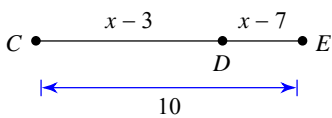


**Solve for  $x$ .**



**Find the length indicated.**

46) Find  $CD$



47) Find  $LN$

