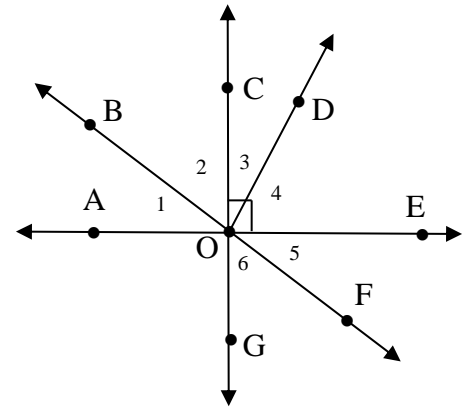


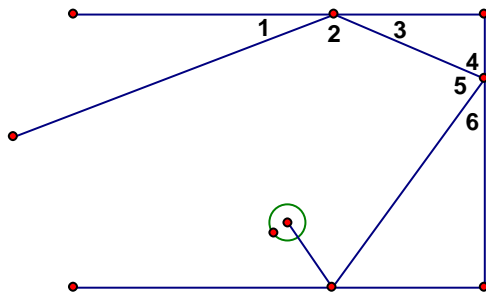
Matching, you may use more than one letter to describe the angle(s).

- _____ 1. $\angle 1$ and $\angle 2$
- _____ 2. $\angle 1$ and $\angle 5$
- _____ 3. $\angle 3$ and $\angle 4$
- _____ 4. $\angle 1$ and $\angle BOE$
- _____ 5. $\angle 1$ and $\angle 6$
- _____ 6. $\angle AOF$ and $\angle BOE$
- _____ 7. $\angle AOC$ and $\angle COE$
- _____ 8. $\angle 2$ and $\angle 5$
- _____ 9. $\angle 4$ and $\angle AOD$

- a. acute angles
- b. right angles
- c. obtuse angles
- d. adjacent angles
- e. linear pair
- f. complementary angles
- g. supplementary angles
- h. vertical angles
- i. congruent angles

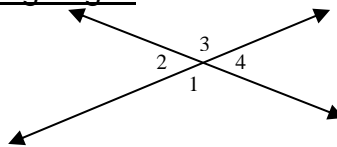


10. A golf ball at a miniature golf course bounces off the sides of the green such that $\angle 1 \cong \angle 3$, $\angle 3 \cong \angle 6$ and $\angle 3$ and $\angle 4$ are complementary. If $m\angle 1 = 22^\circ$, find $m\angle 2$, $m\angle 3$, $m\angle 4$, $m\angle 5$ and $m\angle 6$.

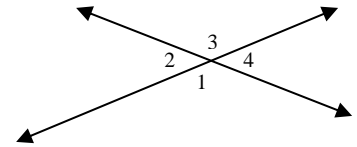


Solve for the missing angle.

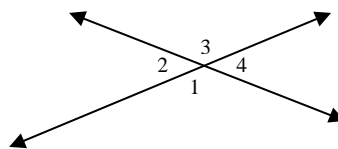
12. $m\angle 1 = 108^\circ$
Find $m\angle 2$



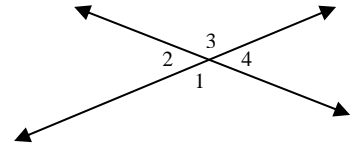
13. $m\angle 2 = 15^\circ$
Find $m\angle 4$



14. $m\angle 4 = 62^\circ$
Find $m\angle 3$

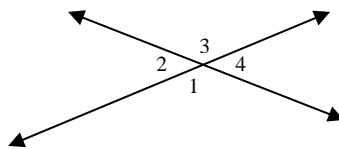


15. $m\angle 3 = 119^\circ$
Find $m\angle 1$

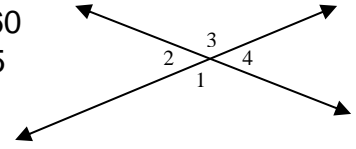


Solve for x.

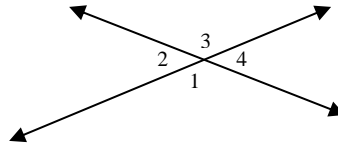
16. $m\angle 2 = 4x - 12$
 $m\angle 4 = 2x + 8$



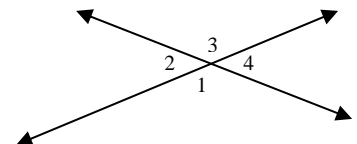
17. $m\angle 1 = 5x - 60$
 $m\angle 3 = 2x + 15$



18. $m\angle 2 = 2x$
 $m\angle 1 = 3x - 15$

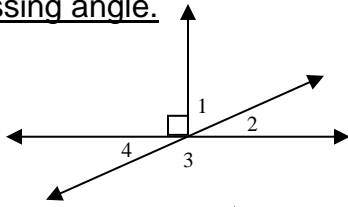


19. $m\angle 1 = 4x + 6$
 $m\angle 4 = 2x - 12$

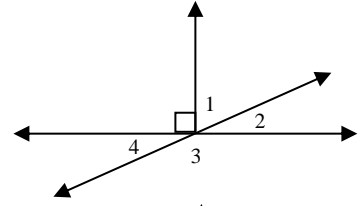


Solve for the missing angle.

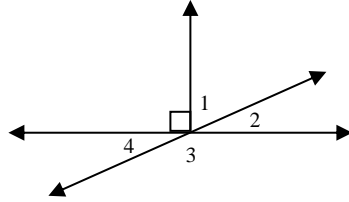
11. $m\angle 2 = 14^\circ$
Find $m\angle 4$



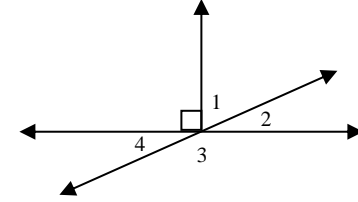
12. $m\angle 3 = 128^\circ$
Find $m\angle 1$



13. $m\angle 1 = 34^\circ$
Find $m\angle 2$

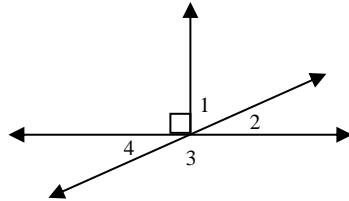


14. $m\angle 4 = 22^\circ$
Find $m\angle 3$

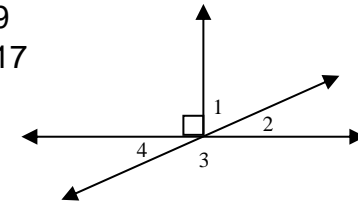


Solve for x.

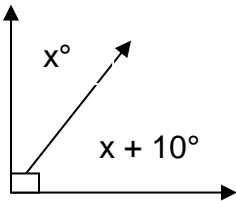
15. $m\angle 1 = 4x - 4$
 $m\angle 2 = 2x - 2$



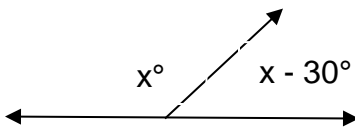
16. $m\angle 2 = x + 19$
 $m\angle 4 = 3x - 17$



17. The complement of an angle is 10° more than the measure of the angle itself. Find the angle.



18. The supplement of an angle is 30° less than the measure of the angle itself. Find the angle.



19. The supplement of an angle is twice the measure of the angle itself. Find the angle.

20. The complement of an angle is five times the measure of the angle itself. Find the angle.