

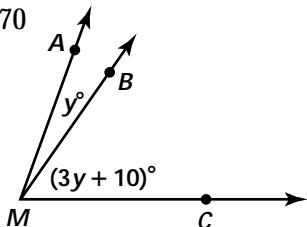
Practice 1-7

Example Exercises

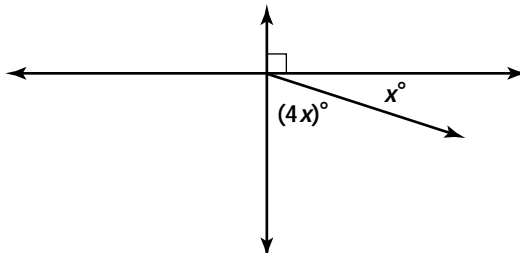
Example 1

Find the values of the variables.

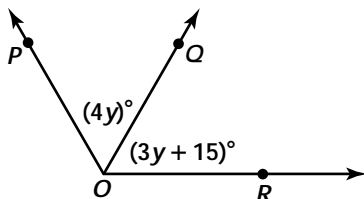
1. $m\angle AMC = 70$



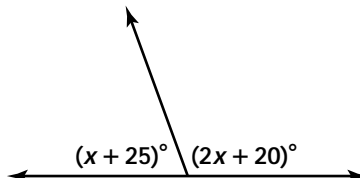
2.



3. $m\angle POR = 120$



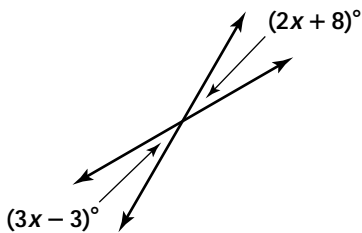
4.



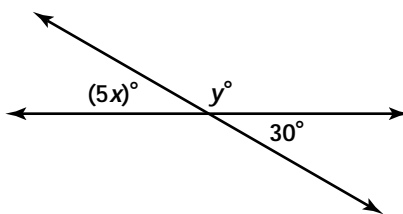
Example 2

Find the values of the variables.

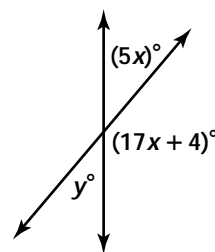
5.



6.



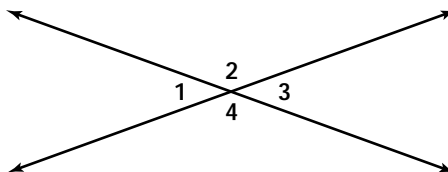
7.



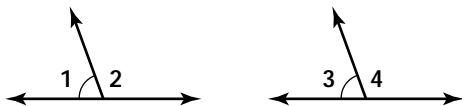
8. Name two pairs of vertical angles.

9. Name two pairs of supplementary angles.

10. Name two pairs of angles which are congruent.



Example 3



Complete.

11. $m\angle 1 + m\angle 2 = \underline{\quad?}$

12. $\angle 1$ and $\angle 2$ are $\underline{\quad?}$ angles.

13. $m\angle 3 + m\angle 4 = \underline{\quad?}$

14. $\angle 3$ and $\angle 4$ are $\underline{\quad?}$ angles.

15. Explain why $\angle 2 \cong \angle 4$.