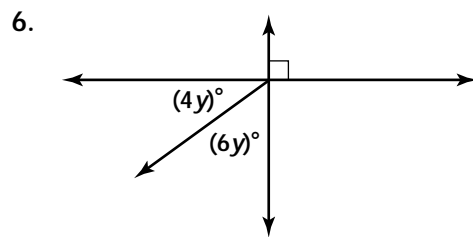
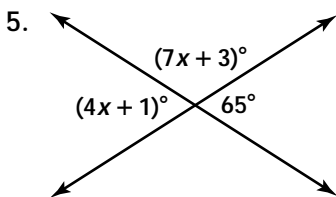
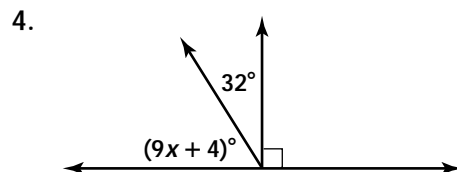
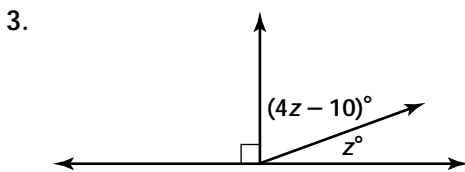
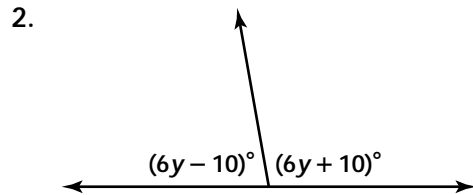
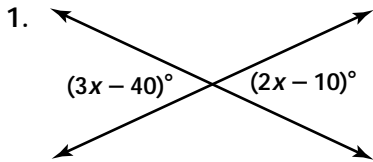


Practice 1-7

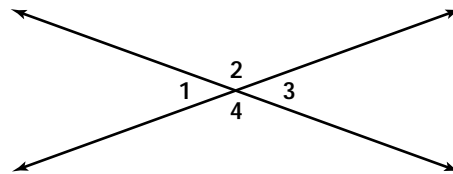
Mixed Exercises

Find the values of the variables.

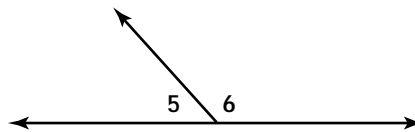


Write true or false.

7. $\angle 1$ and $\angle 2$ are vertical angles.
8. $\angle 2$ and $\angle 3$ are supplementary angles.
9. $m\angle 1 = m\angle 3$
10. $m\angle 3 + m\angle 4 = 180$
11. $m\angle 1 + m\angle 3 = 180$
12. $\angle 4$ and $\angle 2$ are adjacent angles.



13. $\angle 5$ and $\angle 6$ are congruent.
14. $m\angle 5 + m\angle 6 = 180$
15. $\angle 5$ and $\angle 6$ are adjacent angles.
16. $m\angle 5 + m\angle 6 = 90$
17. $\angle 5$ and $\angle 6$ are vertical angles.



What can you conclude about the angles in each diagram? Justify your answers.

