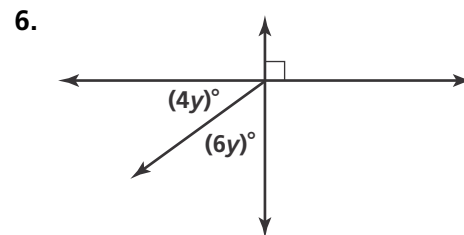
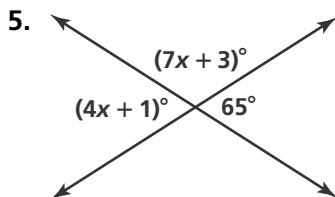
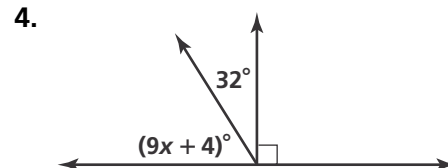
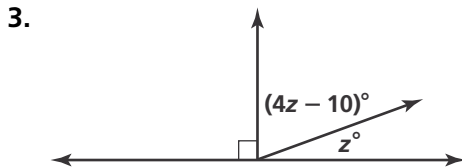
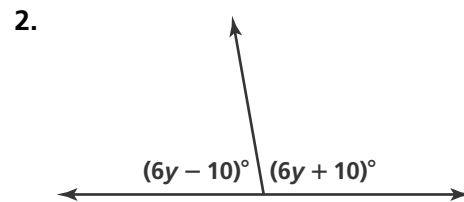
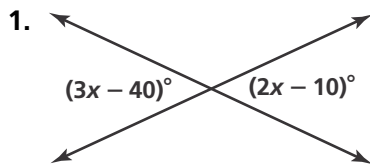


# Practice 2-5

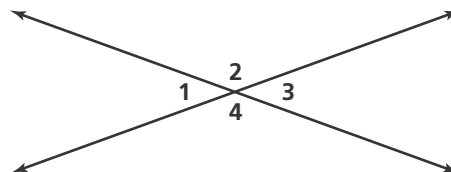
## Proving Angles Congruent

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.



Write three conclusions that can be drawn from each figure.

