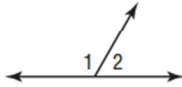


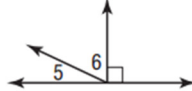
Proving Angle Relationships

Find the measure of each numbered angle and explain your steps and reasons.

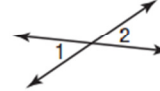
1. $m\angle 2 = 57$



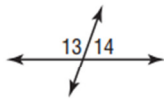
2. $m\angle 5 = 22$



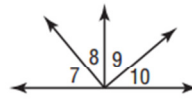
3. $m\angle 1 = 38$



4. $m\angle 13 = 4x + 11$,
 $m\angle 14 = 3x + 1$



5. $\angle 9$ and $\angle 10$ are
complementary.
 $\angle 7 \cong \angle 9$, $m\angle 8 = 41$



6. $m\angle 2 = 4x - 26$,
 $m\angle 3 = 3x + 4$

