## Independent Practice: ANGLE RELATIONSHIPS





Fill in the blanks for the following proofs.

| Given: $\angle 1 \cong \angle 4$<br>Prove: $\angle 2 \cong \angle 3$ | 1 $3$ $4$ $7$  |
|--|----------------|
| Statements   | <u>Reasons</u> |
| 9. $\angle 1 \cong \angle 4$   | 9.             |
| 10. $\angle 1 \cong \angle 2$ , $\angle 3 \cong \angle 4$            | 10.            |
| 11. $\angle 2 \cong \angle 3$  | 11.            |

12. Give a value for each variable.

