1. Converse of Corresponding Angles Theorem **2.** Alternate Interior Angles Theorem **3.** Same-Side Interior Angles Postulate **4.** Corresponding Angles Theorem **5.** Converse of Alternate Interior Angles Theorem **6.** Vertical Angles Theorem **7.** Converse of Corresponding Angles Theorem **8.** Corresponding Angles Theorem **9.** Converse of Same-Side Interior Angles Postulate **10.** Answers may vary. Sample: $\angle 1$ and $\angle 4$, $\angle 5$ and $\angle 8$ **11.** Answers may vary. Sample: $\angle 3$ and $\angle 9$, $\angle 8$ and $\angle 6$ **12.** Answers may vary. Sample: $\angle 1$ and $\angle 2$, $\angle 5$ and $\angle 6$ **13.** Answers may vary. Sample: $\angle 3$ and $\angle 2$, $\angle 2$ and $\angle 6$ **14.** Answers may vary. Sample: $\angle 1$ and $\angle 5$, $\angle 4$ and $\angle 9$ **15.** Answers may vary. Sample: The alternate interior angles have to be congruent, not complementary, for two of the lines to be parallel. If the angles are both 45° angles, then they are both congruent and complementary. **16.** Answers may vary. Check students' work.