

Chapter 2: Perpendicular / Parallel
Lesson 2-5: Proving Lines Parallel
Homework

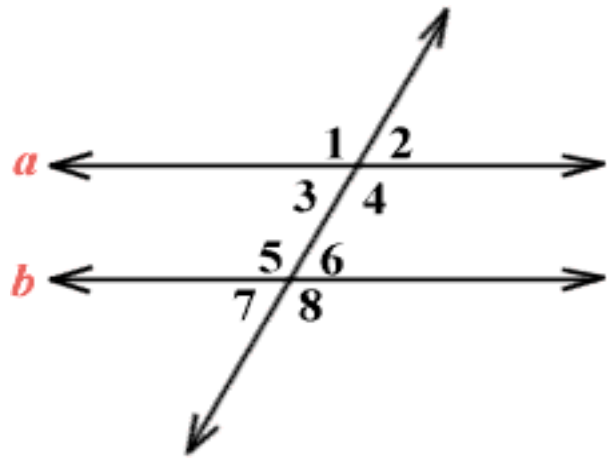
name _____
 date _____
 period ____

1. If $m\angle 1 = m\angle 8$, then ____ $\parallel$ ____.
 reason: _____

2. If $m\angle 7 = m\angle 3$, then ____ $\parallel$ ____.
 reason: _____

3. If $m\angle 4 + m\angle 6 = 180^\circ$, then ____ $\parallel$ ____.
 reason: _____

4. If $m\angle 5 = m\angle 4$, then ____ $\parallel$ ____.
 reason: _____



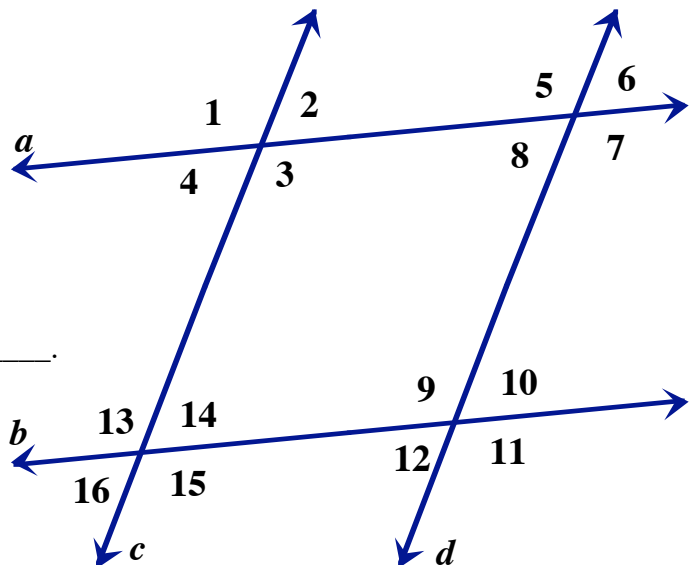
5. If $m\angle 3 = m\angle 7$, then ____ $\parallel$ ____.
 reason: _____

6. If $m\angle 14 = m\angle 4$, then ____ $\parallel$ ____.
 reason: _____

7. If $m\angle 12 = m\angle 6$, then ____ $\parallel$ ____.
 reason: _____

8. If $m\angle 15 + m\angle 12 = 180^\circ$, then ____ $\parallel$ ____.
 reason: _____

9. If $m\angle 1 = m\angle 9$, then ____ $\parallel$ ____.
 reason: _____



10. If $m\angle 1 = m\angle 4$, then ____ $\parallel$ ____.
 reason: _____

11. If $m\angle 6 = m\angle 3$, then ____ $\parallel$ ____.
 reason: _____

12. If $m\angle BAD + m\angle CDA = 180^\circ$, then ____ $\parallel$ ____.
 reason: _____

13. If $m\angle 2 = m\angle 5$, then ____ $\parallel$ ____.
 reason: _____

