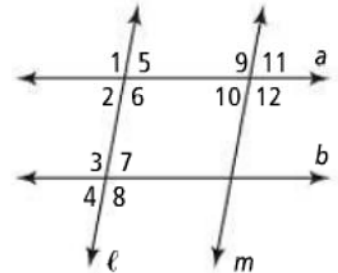


Homework: p.161: 18-26 even, p.163: 52-57 all

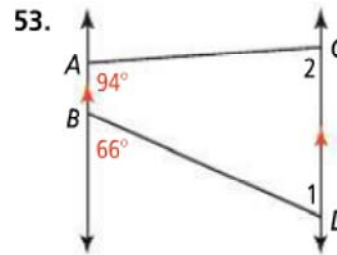
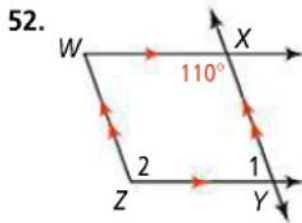
Developing Proof Use the given information to determine which lines, if any, are parallel. Justify each conclusion with a theorem or postulate.

- 18. $\angle 1 \cong \angle 3$
- 20. $\angle 9 \cong \angle 12$
- 22. $\angle 2 \cong \angle 10$
- 24. $\angle 8 \cong \angle 6$
- 26. $\angle 5 \cong \angle 10$



p.163

Find $m\angle 1$ and $m\angle 2$. Justify each answer.



See Lessor

Get Ready! To prepare for Lesson 3-4, do Exercises 54-57.

Determine whether each statement is *always*, *sometimes*, or *never* true.

See Lessons 1-6 and

- 54. Perpendicular lines meet at right angles.
- 55. Two lines in intersecting planes are perpendicular.
- 56. Two lines in the same plane are parallel.
- 57. Two lines in parallel planes are perpendicular.