Practice B

LESSON

6-2

Properties of Parallelograms

A gurney is a wheeled cot or stretcher used in hospitals.
Many gurneys are made so that the base will fold up for
easy storage in an ambulance. When partially folded, the
base forms a parallelogram. In  **STUV**, **VU** **=** 91 centimeters,
**UW** **=** 108.8 centimeters, and m**TSV** **=** 57**°**. Find each measure.

 1. SW 2. TS 3. US

 4. m∠SVU 5. m∠STU 6. m∠TUV

**JKLM** is a parallelogram. Find each measure.

7. m∠L 8. m∠K 9. MJ

**VWXY** is a parallelogram. Find each measure.

 10. VX 11. XZ

 12. ZW 13. WY

 14. Three vertices of ABCD are B(−3, 3), C(2, 7), and D(5, 1).
Find the coordinates of vertex A. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write a two-column proof.**

15. Given: DEFG is a parallelogram.

 Prove: m∠DHG = m∠EDH  m∠FGH