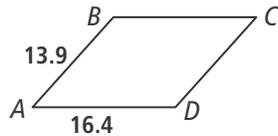# 6-3 Additional Practice
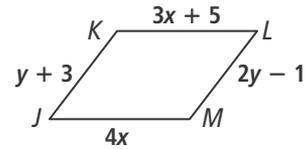
Properties of Parallelograms

Find the stated lengths in each parallelogram.

1. BC

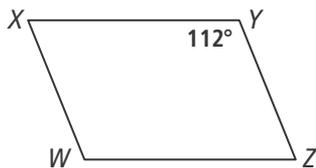**2.** CD

3. JK

4. KL

Find the stated angle measures in each parallelogram.
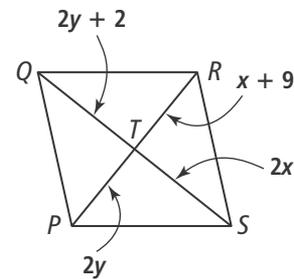
5. ∠W

6. ∠Z

7. ∠A

8. ∠D
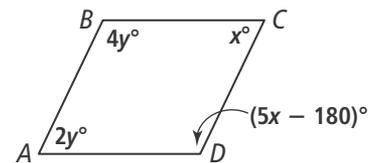
Find the stated lengths in each parallelogram.

9. EG

10. DH
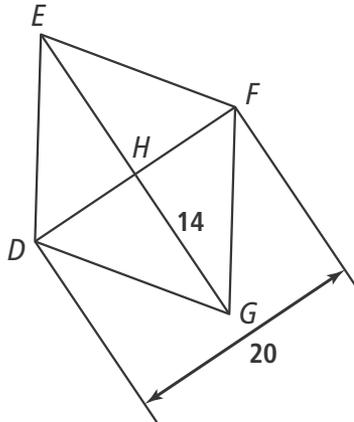
11. RT

12. QS

13. Understand Complete the proof. **Given:** Parallelogram EFGH **Prove:** △EFK ≅ △GHK
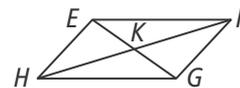
Statements	Reasons
1. EFGH is a parallelogram.	**1.**
2.	**2.** The diagonals of a parallelogram bisect each other.
3. $\overline{EF} \cong \overline{GH}$	**3.**
4.	**4.** SSS

14. Apply The Dockland Building in Hamburg, Germany is built in the shape of a parallelogram. What is the length of the flight of stairs that runs from the ground to the rooftop? Round your answer to the nearest meter.