

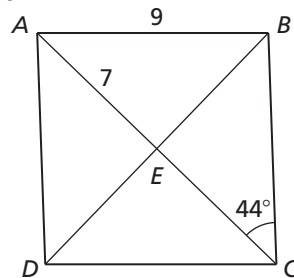
7.4 Notetaking with Vocabulary (continued)

Extra Practice

- For any rhombus $MNOP$, decide whether the statement $\overline{MO} \cong \overline{NP}$ is *always* or *sometimes* true. Draw a diagram and explain your reasoning.
- For any rectangle $PQRS$, decide whether the statement $\angle PQS \cong \angle RSQ$ is *always* or *sometimes* true. Draw a diagram and explain your reasoning.

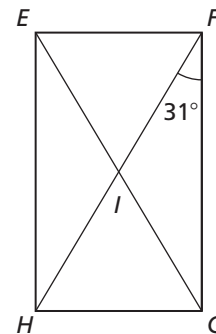
In Exercises 3–5, the diagonals of rhombus $ABCD$ intersect at E . Given that $m\angle BCA = 44^\circ$, $AB = 9$, and $AE = 7$, find the indicated measure.

- BC
- AC
- $m\angle ADC$



In Exercises 6–8, the diagonals of rectangle $EFGH$ intersect at I . Given that $m\angle HFG = 31^\circ$ and $EG = 17$, find the indicated measure.

- $m\angle FHG$
- HF
- $m\angle EFH$



In Exercises 9–11, the diagonals of square $LMNP$ intersect at K . Given that $MK = \frac{1}{2}$, find the indicated measure.

- PK
- $m\angle PKN$
- $m\angle MNK$

