

# WARM-UP EXERCISES

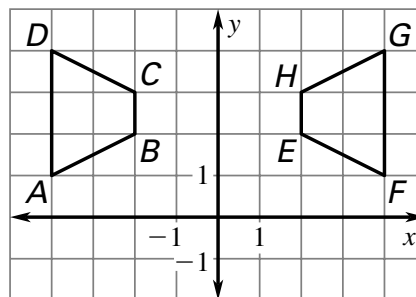
For use before Lesson 7.2, pages 403–410

1.  $P(5, 4)$  is reflected in the  $x$ -axis. In which quadrant is its image?
2.  $P(5, 4)$  is reflected in the  $y$ -axis. In which quadrant is its image?
3. What is the hypothesis of the statement *If  $Q$  lies on  $m$  and  $\overline{PQ} \perp m$ , then  $\overline{PQ} \cong \overline{P'Q'}$* ?
4. If  $\angle A \cong \angle A'$ ,  $\angle B \cong \angle B'$ , and  $\overline{AB} \cong \overline{A'B'}$ , by what congruence postulate is  $\triangle ABC \cong \triangle A'B'C'$ ?

## DAILY HOMEWORK QUIZ

For use after Lesson 7.1, pages 395–402

1.  $ABCD \rightarrow$  \_\_\_\_\_.
2. Name the transformation.
3. Name the coordinates of the image of point  $D$ .



4. Is the transformation an isometry? Explain.
5. Find the value of each variable, given that the transformation is an isometry.

