Name _



In Exercises 1–3, suppose the point (a, b) lies in Quadrant I. Describe the location of the specified point.

Date ____

- **1.** (-a, -b)
- **2.** (−*b*, *a*)
- **3.** (*b*, −*a*)

In Exercises 4–6, suppose that a > 0 and b < 0. Describe the location of the specified point.

- **4.** (a, b^2)
- **5.** (*ab*, *a*)
- 6. $(-a, -b^2)$

In Exercises 7–10, suppose a > b.

- **7.** Could (a b, b a) be in Quadrant II? *Explain* your reasoning.
- **8.** Could (ab, a^2b) be in Quadrant II? *Explain* your reasoning.
- **9.** Could (a + b, -a + b) be in Quadrant II? *Explain* your reasoning.
- **10.** Could (a^2b, ab^2) be in Quadrant II? *Explain* your reasoning.

LESSON 3.1