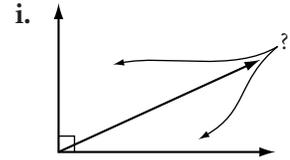
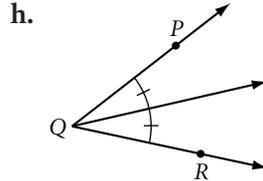
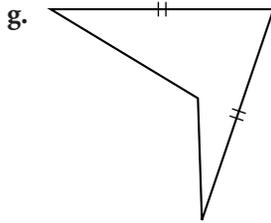
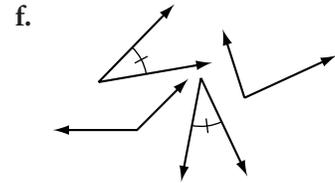
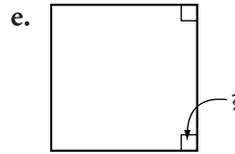
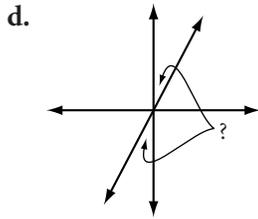
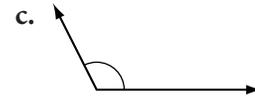
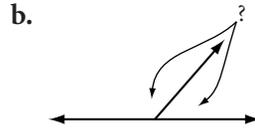
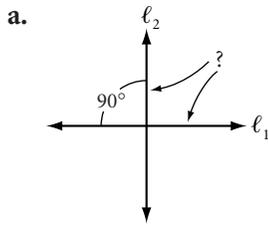


# Lesson 1.3 • What's a Widget?

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

For Exercises 1–9, match each term with one of the items (a to i) below.



- |                             |                                |
|-----------------------------|--------------------------------|
| 1. _____ Vertical angles    | 2. _____ Obtuse angle          |
| 3. _____ Right angle        | 4. _____ Complementary angles  |
| 5. _____ Congruent angles   | 6. _____ Linear pair of angles |
| 7. _____ Bisected angle     | 8. _____ Perpendicular lines   |
| 9. _____ Congruent segments |                                |
10. If  $m\angle P = 13^\circ$ ,  $m\angle Q = 77^\circ$ , and  $\angle Q$  and  $\angle R$  are complementary, what can you conclude about  $\angle P$  and  $\angle R$ ? Explain your reasoning.

For Exercises 11–13, sketch, label, and mark a figure showing each property.

11.  $\ell_1 \parallel \ell_2, \ell_2 \perp \ell_3$

12.  $\overline{PQ} \perp \overline{PR}$

13.  $\angle BAC \cong \angle XAY, CX = BC$