Using the Vocabulary box at the right, write the name of the quadrilateral that best describes each figure. Use each word once. Describe how it is different from other quadrilaterals.

Answers will vary. Possible answers given.

1. square; possible answer:
   4 equal sides and
   4 right angles

2. quadrilateral; possible answer:
   no opposite sides parallel

3. rhombus; possible answer:
   opposite sides parallel;
   4 equal sides

4. rectangle; possible answer:
   opposite sides parallel;
   4 right angles

5. parallelogram; possible answer:
   opposite sides parallel and
   equal

6. trapezoid; possible answer:
   exactly 1 pair of opposite sides parallel
Write these amounts as decimal numbers.

1. 3 tenths 0.3
2. 7 hundredths 0.07
3. 56 hundredths 0.56
4. $\frac{6}{100}$ 0.06
5. $\frac{42}{100}$ 0.42
6. $\frac{9}{10}$ 0.9

Tell whether each pair of lines is parallel, perpendicular, or neither.

7. neither
8. perpendicular
9. neither
10. parallel

11. First draw a line segment 4 cm long. Then draw a line segment 3 cm long that is not parallel nor perpendicular to the first line. Check students’ drawings.

12. Stretch Your Thinking Bianca has a certain shape in mind. She says it has all the following names: quadrilateral, parallelogram, and rectangle. Make a drawing that could be Bianca’s shape. Explain why it has each of these names. Drawings will vary. Possible drawing shown.

It is called a quadrilateral because it has four sides and four angles. It is called a parallelogram, because it has two pairs of opposite sides parallel. It is also called a rectangle, because it has two pairs of opposite sides parallel and four right angles.