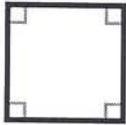Name. _____

Quadrilaterals

Quadrilaterals are any polygon with four sides and four angles.

Square
All sides are the same length; there are four right angles
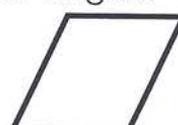
Rectangle
Opposite sides are parallel and the same length; there are four right angles

Parallelogram
Two pairs of opposite parallel sides

Rhombus
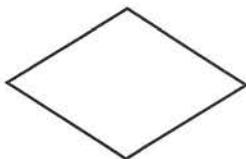Two pairs of parallel sides; all sides are the same length

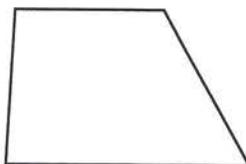**Trapezoid**
Only one pair of parallel sides
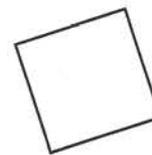
Write the name of each quadrilateral.

a. _____

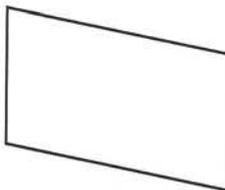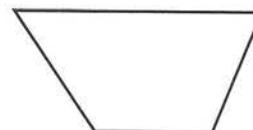b. _____
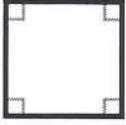
c. _____

d. _____

e. _____

f. _____

g. How can you tell the difference between a parallelogram and a trapezoid?

_____

_____

h. How can you tell the difference between a rectangle and a rhombus?

_____

_____

Quadrilaterals

Quadrilaterals are any polygon with four sides and four angles.

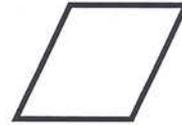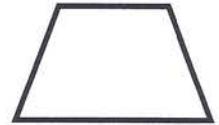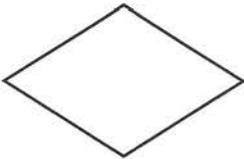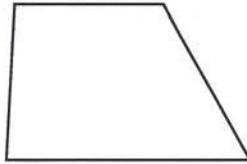| **Square**	**Rectangle**	**Parallelogram**	**Rhombus**	**Trapezoid**
All sides are the same length; there are four right angles	Opposite sides are parallel and the same length; there are four right angles	Two pairs of opposite parallel sides	Two pairs of parallel sides; all sides are the same length	Only one pair of parallel sides

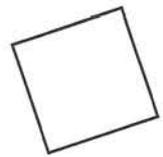Write the name of each quadrilateral.
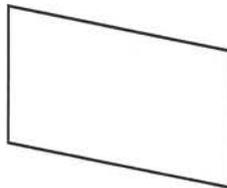
a.

RHOMBUS

b.

TRAPEZOID

c.

SQUARE

d.

RECTANGLE

e.

PARALLELOGRAM

f.

TRAPEZOID

g. How can you tell the difference between a parallelogram and a trapezoid?

A parallelogram has two pairs of opposite parallel sides while a trapezoid has

only one pair of parallel sides.

h. How can you tell the difference between a rectangle and a rhombus?

A rectangle can have four equal side lengths like a rhombus but must also have

four right angles. Rhombus angles don't have to be right angles.