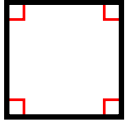


Name: _____

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



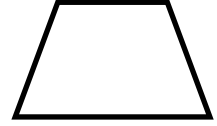
Parallelogram

Two pairs of opposite parallel sides



Rhombus

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

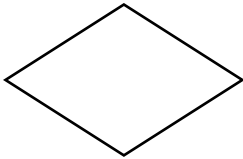


Trapezoid

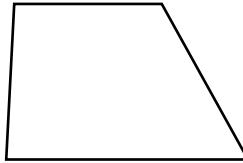
Only one pair of parallel sides

Write the name of each quadrilateral.

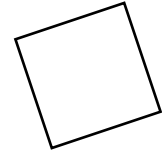
a.



b.



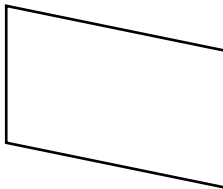
c.



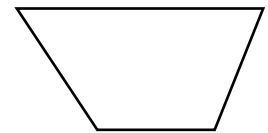
d.



e.



f.



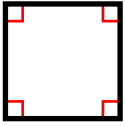
g. How can you tell the difference between a parallelogram and a trapezoid?

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

ANSWER KEY

Quadrilaterals

Quadrilaterals are any polygon with four sides and four angles.



Square

All sides are the same length; there are four right angles



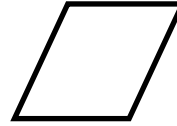
Rectangle

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



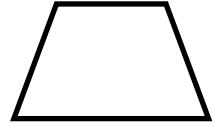
Parallelogram

Two pairs of opposite parallel sides



Rhombus

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

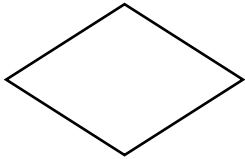


Trapezoid

Only one pair of parallel sides

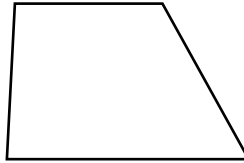
Write the name of each quadrilateral.

a.



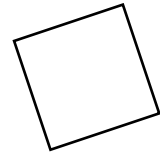
RHOMBUS

b.



TRAPEZOID

c.



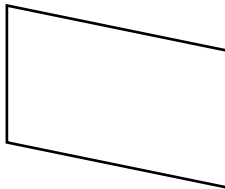
SQUARE

d.



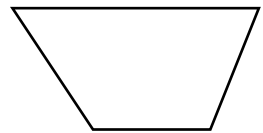
RECTANGLE

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 square and a rhombus?

Both have four equal side lengths but a square must also have four right angles. Rhombus angles don't have to be right angles.