

Make 10 flash cards using the information below. Add an illustration to side 2 of each card.

Side 1

Side 2 – add illustration

Diagonals of a Parallelogram	Diagonals of a parallelogram bisect each other and each diagonal separates the parallelogram into two congruent triangles
Trapezoid	A quadrilateral with exactly one pair of parallel sides. The parallel sides are called bases and the nonparallel sides are called legs.
Isosceles Trapezoid	A trapezoid whose legs (non-parallel sides) are congruent. 1) Both pairs of base angles are congruent. 2) Diagonals are congruent
Kite	A quadrilateral with exactly two distinct pairs of adjacent congruent sides. The diagonals are perpendicular. A kite is <u>not</u> a parallelogram
Parallelogram	A quadrilateral with both pairs of opposite sides parallel
Rectangle Properties of Rectangles	A quadrilateral with 4 right angles 1) Has all properties of parallelograms 2) All 4 angles are right angles 3) The diagonals are congruent
Rhombus Properties of Rhombi	A quadrilateral with 4 congruent sides 1) Has all properties of parallelograms 2) Diagonals are perpendicular 3) Diagonals bisect the angles
Square Properties of Squares	A quadrilateral with 4 right angles and 4 congruent sides A square has all the properties of a rhombus and all the properties of a rectangle
Median of a Trapezoid	A segment that joins the midpoints of the legs. It is parallel to the bases and its length is $\frac{1}{2}$ the sum of the bases.
4 Properties of Parallelograms	1) Opposite sides are congruent 2) Opposite angles are congruent 3) Consecutive angles are supplementary 4) If it has 1 right \angle , then all 4 are rt. \angle s