Geometry / Mr. Hansen
11/20/2001

Name: _____

"Do You Know Your Quadrilaterals?"
(Part 2)

Identify each of the following with the most descriptive name that you can correctly apply.
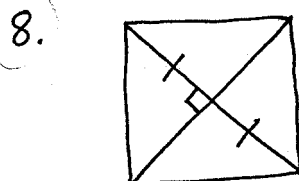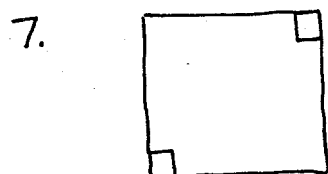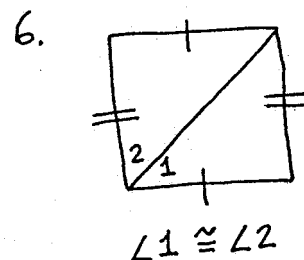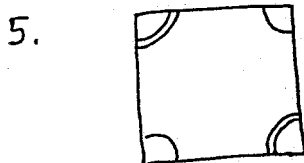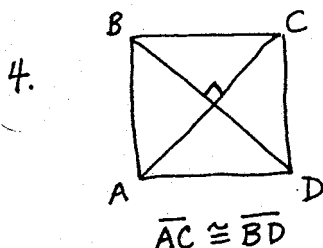
1.

2. $\overline{AC} \cong \overline{BD}$

3. $\overline{AC} \cong \overline{BD}$

4. $\overline{AC} \cong \overline{BD}$

5.

6. $\angle 1 \cong \angle 2$

7.

8.

Notes:

a = Any Quadrilateral dealer can assist you if you want this feature. You need not contact any special department.

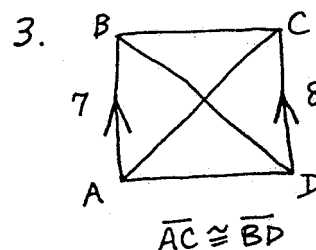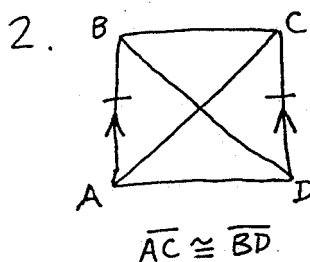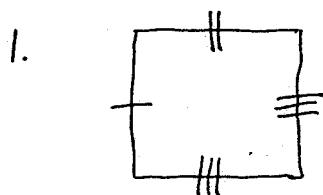c = Please be sure to contact the Convex Quadrilaterals Dept. Our non-convex Quadrilaterals do not have a full set of diagonals.

i = If you want this feature, please contact the Isosceles Dept..

r = If you want this feature, please contact the Rectangle Dept. (or the Square Subdepartment).

s = If you want this feature, please contact the Square Subdepartment.

	4 coplanar sides	each interior ∠ < 180°	con-gruent dia-gonals	equi-angular	"aabb" pattern for sides	"aabb" pattern for ∠s	self-bisecting dia-gonals	at least 1 diagonal is ⊥ bisector of the other	each dia-gonal is ⊥ bisec-tor of the other	both pairs of opp. ∠s con-gruent	both pairs of opp. sides con-gruent	both dia-gonals are ∠ bisec-tors
Quadri-lateral	●*		◐c									
Convex Quadri-lateral	●		◐a									
Parallel-O-Gram	●		◐r									
Rectangle	●		●									
Rhombus	●		◐s									
Kite	●		◐s									
Square	●		●									
Trapezoid	●		◐i									
Isosceles Trapezoid	●		●									
Triangle	○		○									
Isosceles Triangle	○		○									
Equilateral Triangle	○		○									