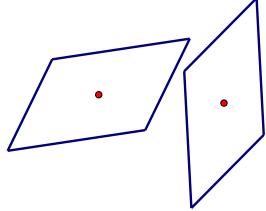
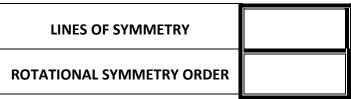
Geometry – Unit 2 Task Symmetry in Special Quadrilaterals G.CO.A.3

Name:		
Date:	Pd:	

Quick Concept: Symmetries found in polygons tell us a lot about their special properties. There are some powerful patterns in the symmetries of the quadrilaterals.

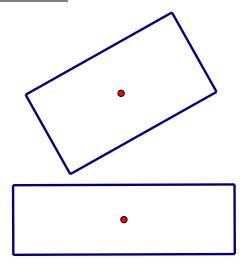
- 1) Trace the given quadrilaterals onto patty paper and investigate the symmetries.
- a) PARALLELOGRAM

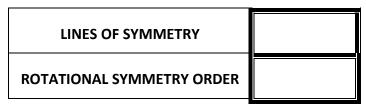




What do these symmetries tell us about the properties of a parallelogram?

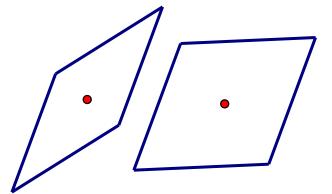
b) **RECTANGLE**





What do these symmetries tell us about the properties of a rectangle?

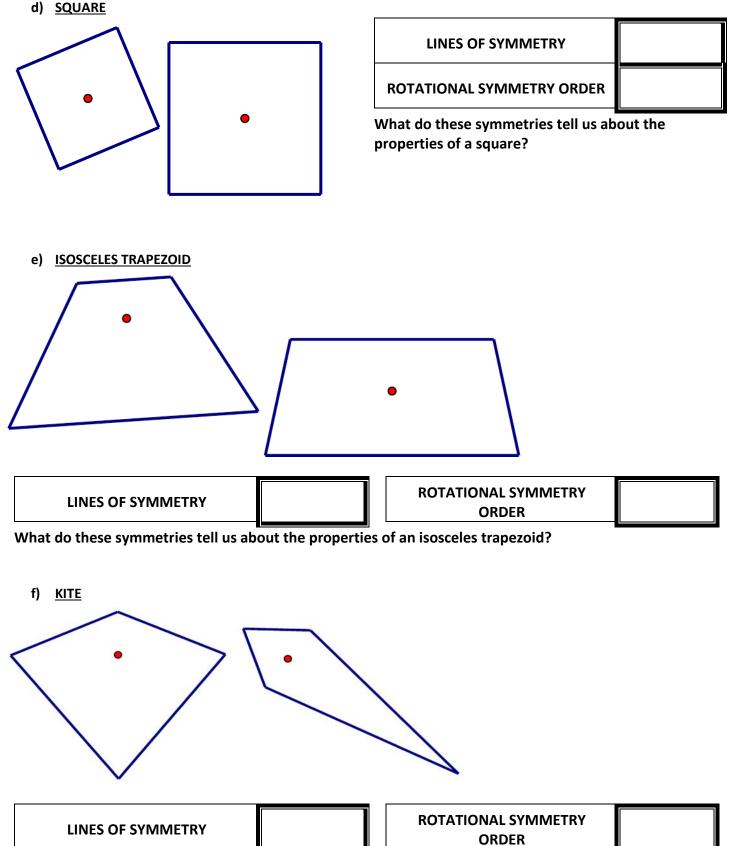
c) RHOMBUS



LINES OF SYMMETRY	
ROTATIONAL SYMMETRY ORDER	

What do these symmetries tell us about the properties of a rhombus?





What do these symmetries tell us about the properties of a kite?



2) **SUMMARIES**

NO LINE SYMMETRY	1 LINE OF SYMMETRY	2 LINES OF SYMMETRY	4 LINES OF SYMMETRY

ROTATION ORDER 1	ROTATION ORDER 2	ROTATION ORDER 3	ROTATION ORDER 4

3) What patterns are found in the symmetries of the quadrilaterals?