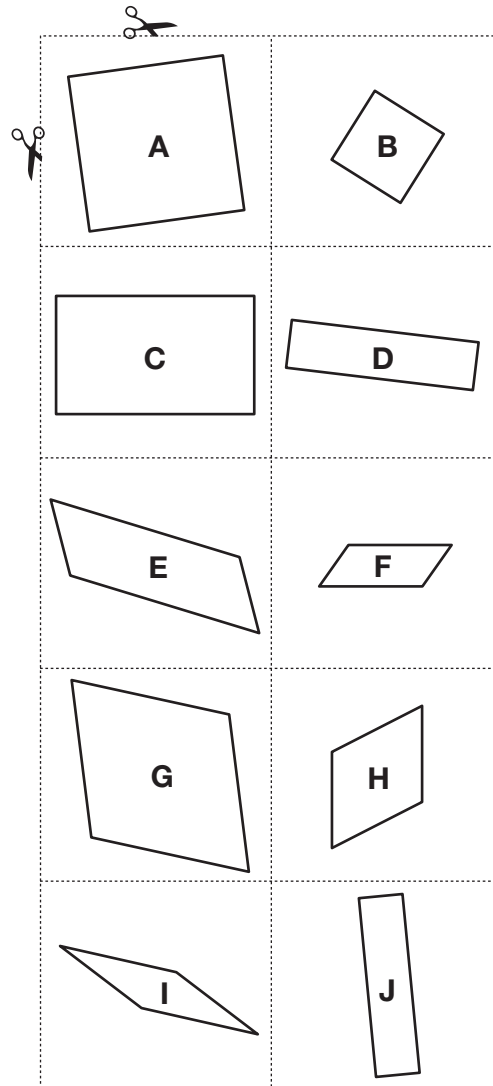


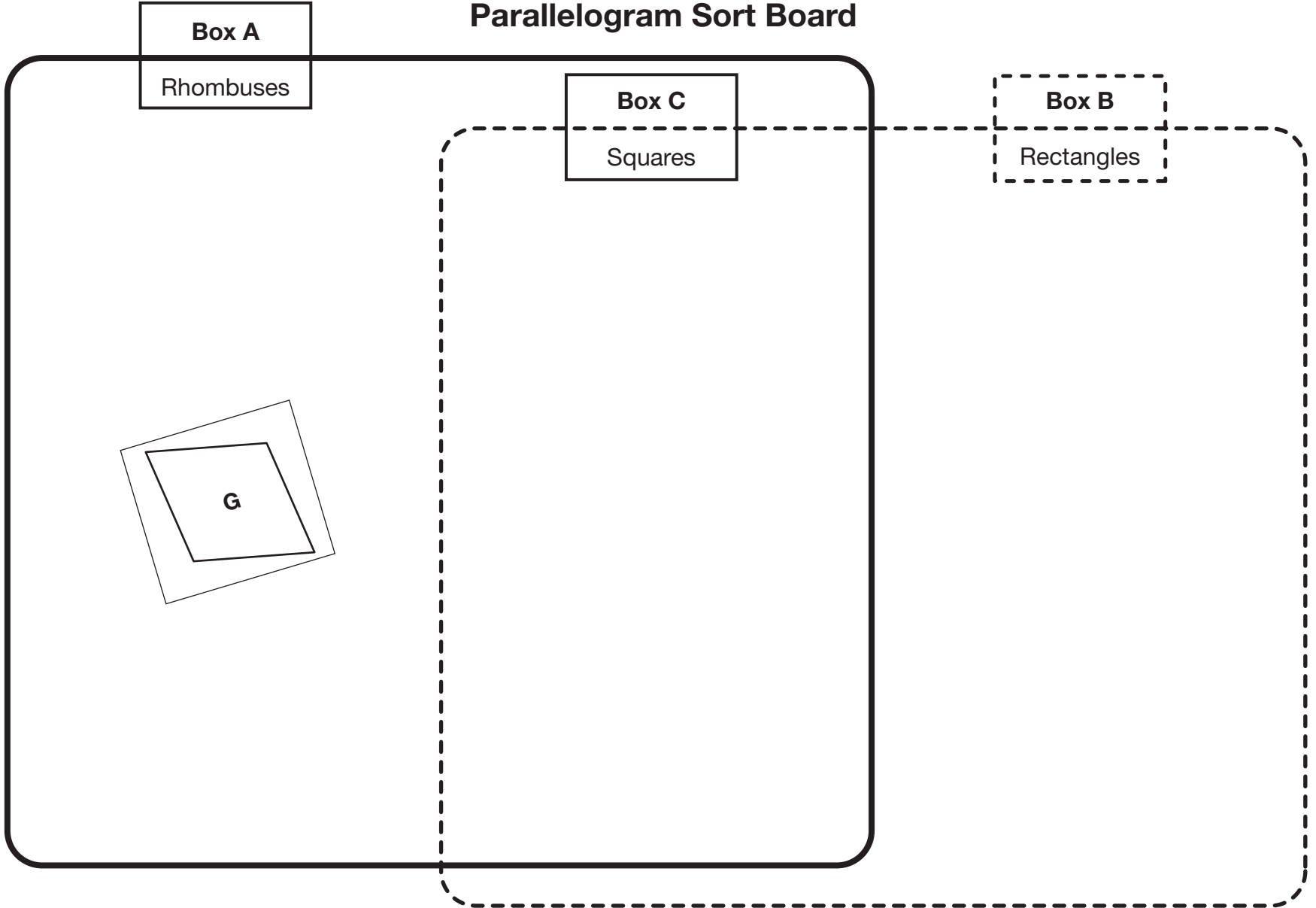
Parallelogram Classification Challenge

1. Cut apart the parallelograms. Sort the shapes onto the Parallelogram Sort Board on the next page:
 - All of the parallelograms in Box A share the same property.
 - All of the parallelograms in Box B share the same property.
 - Some parallelograms share both boxes because they have common properties. These parallelograms will go in Box C, where Box A and Box B overlap.
 - Some parallelograms have no properties in common and will go outside both Box A and Box B.



Name _____ Date _____

Parallelogram Sort Board



2. Look at the shape below:



Which statements are true? Write True or False.

- A.** I am a quadrilateral. _____
- B.** I am a parallelogram. _____
- C.** I am a rectangle. _____
- D.** I am a trapezoid. _____
- E.** I am a rhombus. _____
- F.** Explain your reasoning for Question 2D.

G. Draw a rhombus. Explain how you know it's a rhombus.

3. What shape am I? Use the clues to name and draw a sketch of each polygon.

- A.** I have four sides and all my angles are 90 degrees. I am not a square.
- B.** I am a quadrilateral with parallel sides. I do not have any right angles.
- C.** I am a rhombus with right angles.

Name _____ Date _____

Parallelogram Classification Challenge Feedback Box

	Expectation	Check In	Comments
Identify and describe two-dimensional shapes. [Q# 2–3]	E4		
Classify two-dimensional shapes in a hierarchy based on properties. [Q# 1–2]	E5		
Justify conclusions using geometric properties. [Q# 2F–G]	E7		

Yes . . .

Yes, but . . .

No, but . . .

No . . .

MPE5. Show my work.

I show or tell how I arrived at my answer so someone else can understand my thinking.
[Q# 2F–G]

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