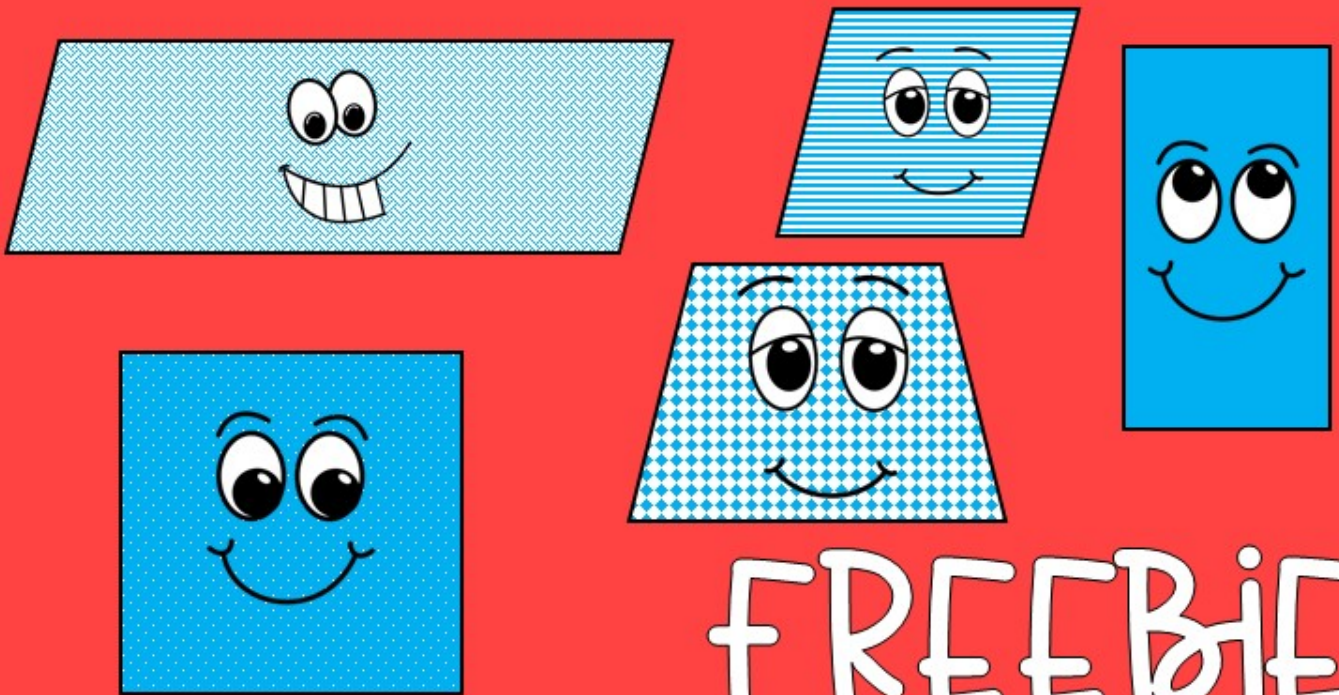


GRADE

3

# QUADRILATERAL SAMPLE PACK

## GEOMETRY WORKSHEETS



# FREEBIE

## Common Core 3.G.A.1

Created by Anna Leroueil—An Appletini for the Teacher

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Name: \_\_\_\_\_

# EVALUATING QUADRILATERALS

Directions: Decide if the shape is a trapezoid, then explain how you know.

1.



Is this a trapezoid? Why or why not?

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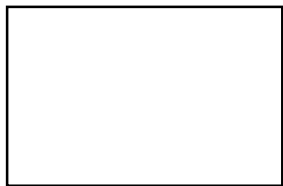
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2.



Is this a trapezoid? Why or why not?

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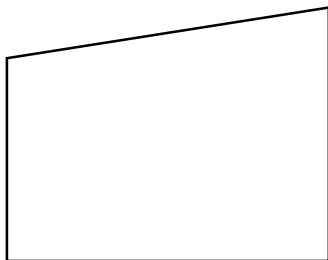
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3.



Is this a trapezoid? Why or why not?

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Name: \_\_\_\_\_

# CLASSIFYING QUADRILATERALS

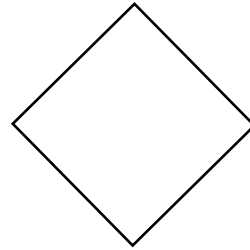
Directions: Select all the names that apply to the shape.

1.



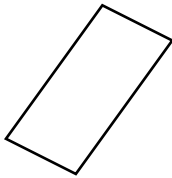
- A. rhombus
- B. trapezoid
- C. parallelogram
- D. none of the above

2.



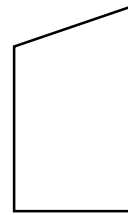
- A. rhombus
- B. square
- C. rectangle
- D. none of the above

3.



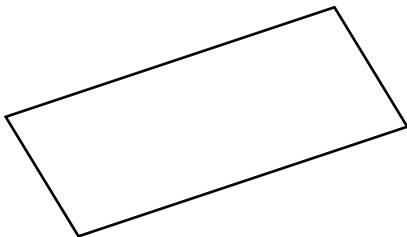
- A. polygon
- B. quadrilateral
- C. rhombus
- D. none of the above

4.



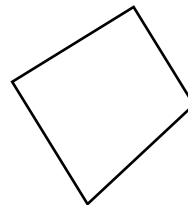
- A. square
- B. rectangle
- C. parallelogram
- D. none of the above

5.



- A. rectangle
- B. rhombus
- C. quadrilateral
- D. none of the above

6.



- A. trapezoid
- B. parallelogram
- C. quadrilateral
- D. none of the above

Name: \_\_\_\_\_

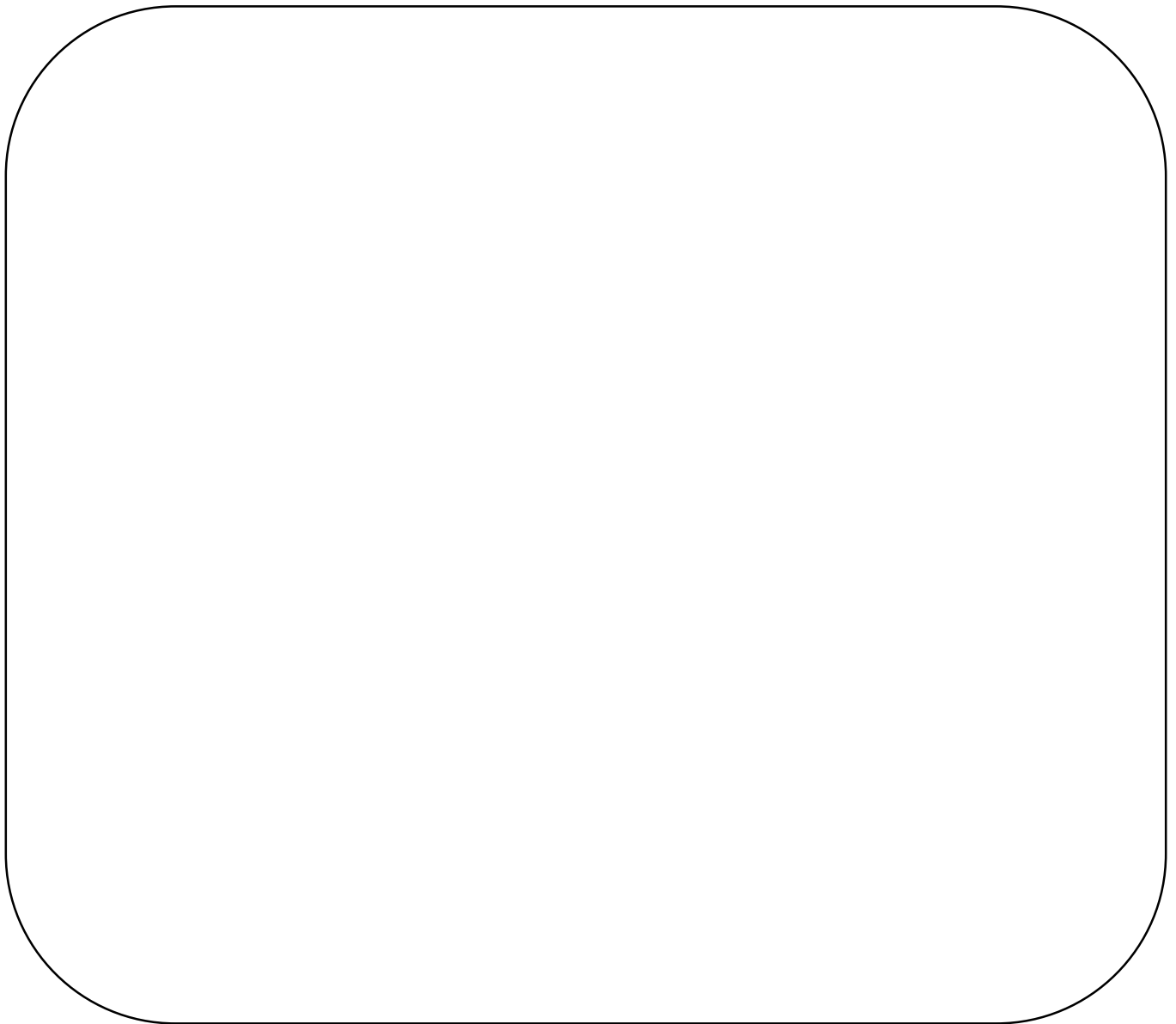
D

## ATTRIBUTES OF QUADRILATERALS

Directions: Select all the attributes of the shape, then draw at least 2 examples of the shape.

### RECTANGLE

- A. 4 sides, 4 vertices, and 4 angles
- B. Exactly 1 pair of parallel sides
- C. Exactly 2 pairs of parallel sides
- D. 4 equal sides
- E. 4 right angles

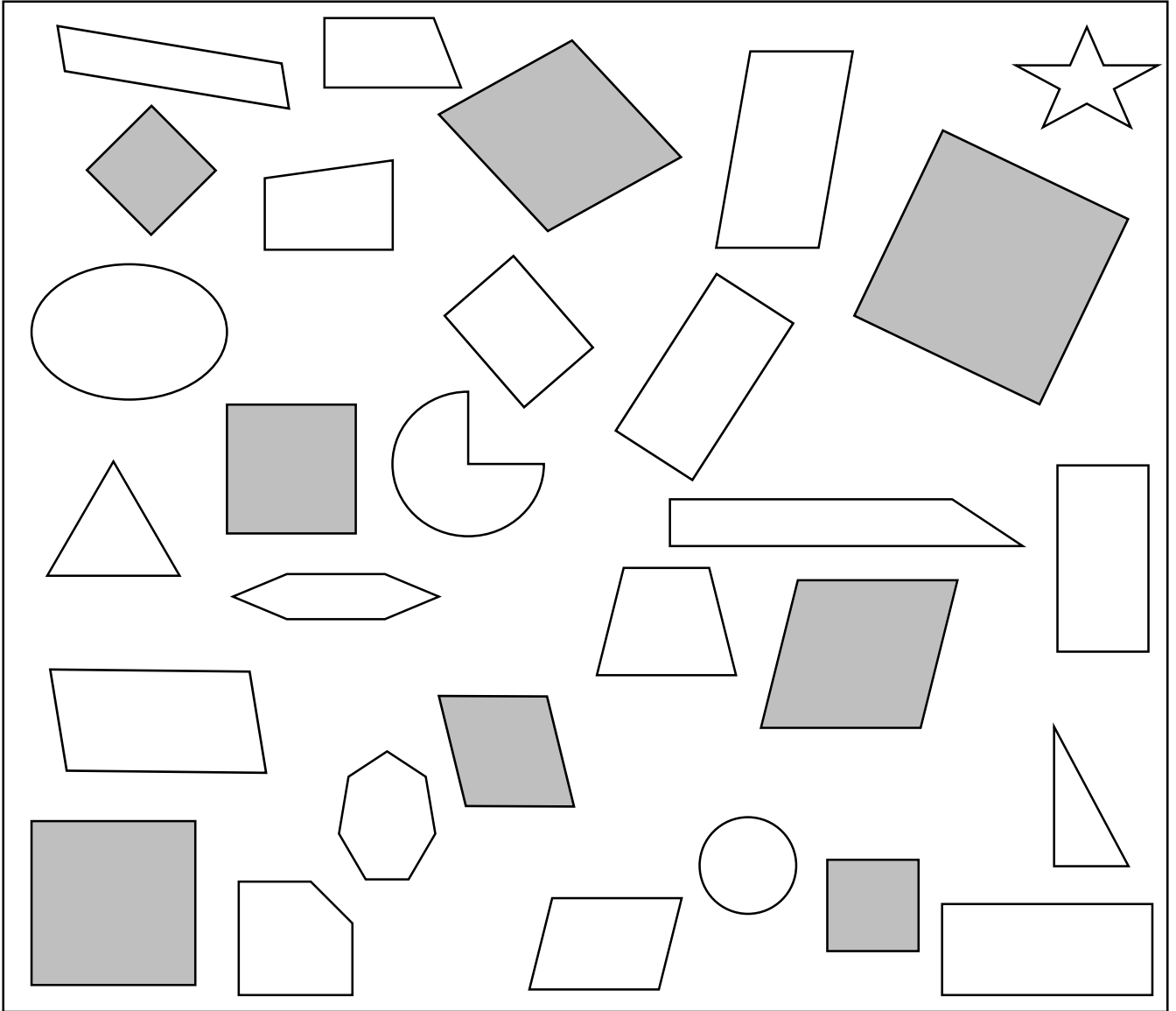


Name: Answer Key

A

## QUADRILATERAL SORT: RHOMBUS EDITION

Directions: Color all the rhombuses. Then, answer the question below.



How do you know a shape is a rhombus?

A shape is a rhombus when it has 2 pairs of parallel sides and all sides are equal.

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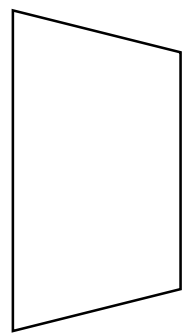
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# EVALUATING QUADRILATERALS

Directions: Decide if the shape is a trapezoid, then explain how you know.

1.



Is this a trapezoid? Why or why not?

Yes, this is a trapezoid because it is a quadrilateral with only 1 pair of parallel sides.

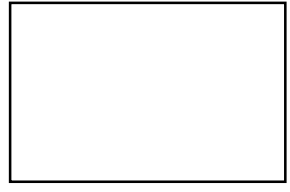
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2.



Is this a trapezoid? Why or why not?

No, this is not a trapezoid because it has 2 pairs of parallel sides and trapezoids can only have 1 pair of parallel sides.

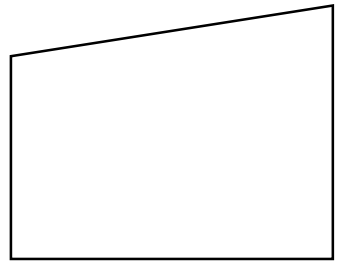
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3.



Is this a trapezoid? Why or why not?

Yes, this is a trapezoid because it is a quadrilateral with only 1 pair of parallel sides.

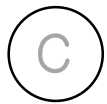
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Name: \_\_\_\_\_



## CLASSIFYING QUADRILATERALS

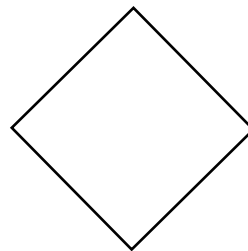
Directions: Select all the names that apply to the shape.

1.



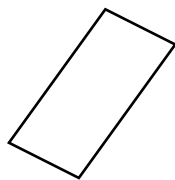
- A. rhombus
- B. trapezoid
- C. parallelogram
- D. none of the above

2.



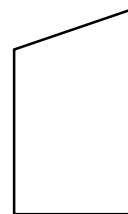
- A. rhombus
- B. square
- C. rectangle
- D. none of the above

3.



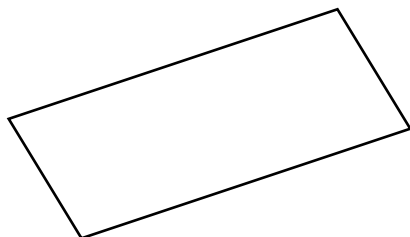
- A. polygon
- B. quadrilateral
- C. rhombus
- D. none of the above

4.



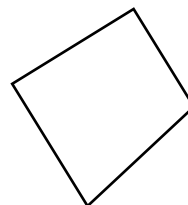
- A. square
- B. rectangle
- C. parallelogram
- D. none of the above

5.



- A. rectangle
- B. rhombus
- C. quadrilateral
- D. none of the above

6.



- A. trapezoid
- B. parallelogram
- C. quadrilateral
- D. none of the above



# QUADRILATERALS

All quadrilaterals have 4 sides, 4 vertices, and 4 angles

## TRAPEZOID

Rule: must have exactly 1 pair of parallel sides

## PARALLELOGRAM

Rule: must have 2 pairs of parallel sides

## RHOMBUS

Rule: must have 4 equal sides

## SQUARE

Rule: must follow all rules

## RECTANGLE

Rule: must have 4 right angles

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