

Luna's Space Adventure

Grade 3 · Quadrilaterals · 3.G.A.1

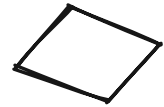
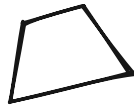
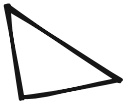
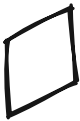
Name _____

Date _____



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Find the quadrilaterals A quadrilateral has 4 straight sides.



True or false? Circle one.

Every rectangle is a square.

true false

A trapezoid is a quadrilateral.

true false

Every square is a rectangle.

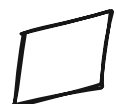
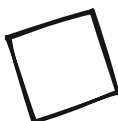
true false

A rhombus has 4 sides the same length.

true false

Not a rhombus or rectangle

Circle the quadrilaterals that are neither a rhombus nor a rectangle.



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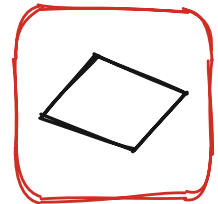
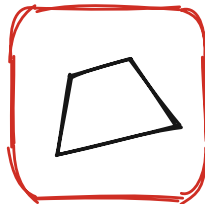
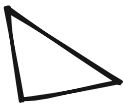
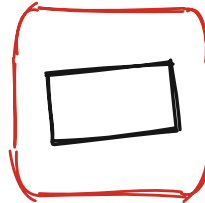
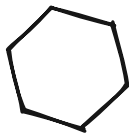
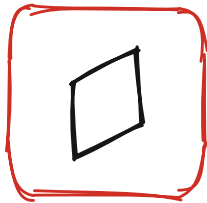
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ANSWER KEY



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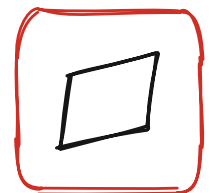
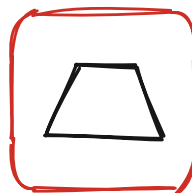
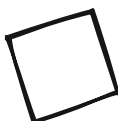
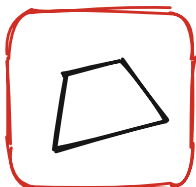
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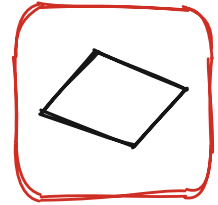
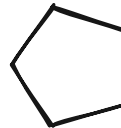
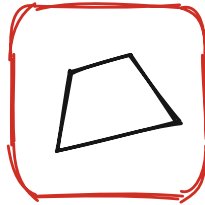
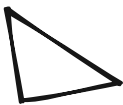
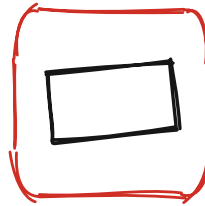
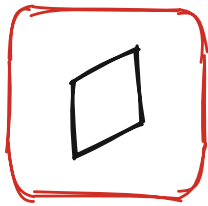
GUIDE

1 What this sheet practises

Sorting shapes by their sides and corners: quadrilaterals, and the kinds within them like rectangles, rhombuses and squares.

2 A problem from the sheet, worked out

Find the quadrilaterals A quadrilateral has 4 straight sides.



How: A quadrilateral is any shape with 4 straight sides. Squares, rectangles, rhombuses and trapezoids are all quadrilaterals, and a square is both a rectangle and a rhombus.

3 Words to know

quadrilateral any shape with 4 straight sides

rectangle a quadrilateral with 4 square corners

rhombus a quadrilateral with 4 equal sides

trapezoid a quadrilateral with a pair of parallel sides

4 Watch for

- Counting a shape with a curved side.
- Thinking a square turned on its point is no longer a square.
- Thinking a square can't also be a rectangle.

5 Where it fits

BEFORE

2.G.A.1

Recognize and draw shapes by their angles and faces.

THIS SHEET

3.G.A.1

See that shapes in different groups can share features, like quadrilaterals.

NEXT

4.G.A.2

Sort shapes by their parallel or perpendicular sides and their angles.

6 Helping at home

Hunt for quadrilaterals around the house, like doors, tiles, books and windows, and name each kind.