



2-D Space

Math

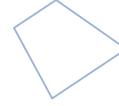
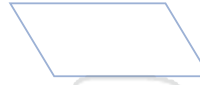
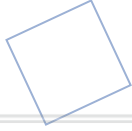
Name _____ Class _____ Date _____

Use color to match each shape with its name and description.

eight angles and eight sides

two pairs of opposite sides that are parallel and the same length

five angles and five sides



quadrilateral

parallelogram

octagon

rhombus

trapezoid

pentagon

four angles and four sides

four angles and one or two pairs of opposite sides that are parallel

four angles and two pairs of opposite sides that are parallel

Some shapes belong to a number of families. This shape is a **quadrilateral** and also a **trapezoid**. Write the names of all the families that these shapes belong to.



PREVIEW

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Shapes which are not rigid: _____

Shapes which are rigid: _____

What do you notice about shapes which are rigid? _____

What do you notice about shapes which are not rigid? _____

Look at these bridges. Name the most common shapes used in the structure of each one.



Explain why these shapes are chosen for building bridges. _____



2-D Space - Answer Key

Math

Name _____ Class _____ Date _____

Use color to match each shape with its name and description.

eight angles and eight sides two pairs of opposite sides that are parallel and the same length five angles and five sides

quadrilateral parallelogram octagon rhombus trapezoid pentagon

four angles and four sides four angles and one or two pairs of opposite sides that are parallel four angles and two pairs of opposite sides that are parallel

Some shapes belong to a number of families. This shape is a **quadrilateral** and also a **trapezoid**. Write the names of all the families that these shapes belong to.



PREVIEW

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Shapes which are not rigid: square, pentagon, trapezoid, hexagon

Shapes which are rigid: triangle

What do you notice about shapes which are rigid? have 3 sides

What do you notice about shapes which are not rigid? have more than 3 sides

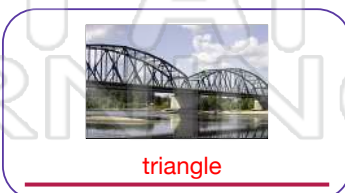
Look at these bridges. Name the most common shapes used in the structure of each one.



triangle



triangle



triangle

Explain why these shapes are chosen for building bridges. Triangles are very stable.