



2-D Space

Math

Name _____ Class _____ Date _____

Make each shape using the materials. Fold the shapes to find all the possible lines of symmetry.
Draw the shapes and all the possible lines of symmetry that you found.



YOU NEED:

- ☆ paper
- ☆ scissors
- ☆ ruler

rectangle

rhombus

trapezoid

___ lines of symmetry

___ lines of symmetry

___ lines of symmetry

parallelogram

square

triangle



PREVIEW

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Prediction: _____

Prediction: _____

Prediction: _____

Prediction: _____

Prediction: _____

Prediction: _____

Prediction: _____

Prediction: _____

Do all squares tessellate? _____ Do all quadrilaterals tessellate? _____ Do all triangles tessellate? _____

Do all rhombuses tessellate? _____ Do all rectangles tessellate? _____ Do all pentagons tessellate? _____

Do all parallelograms tessellate? _____ Do all octagons tessellate? _____ Do all trapezoids tessellate? _____



2-D Space - Answer Key

Math

Name _____ Class _____ Date _____

ANSWER KEY

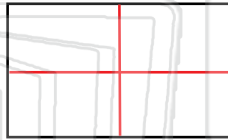
Make each shape using the materials. Fold the shapes to find all the possible lines of symmetry.
Draw the shapes and all the possible lines of symmetry that you found.



YOU NEED:

- ☆ paper
- ☆ scissors
- ☆ ruler

rectangle



2 lines of symmetry

rhombus



2 lines of symmetry

trapezoid



1 lines of symmetry

parallelogram

square

triangle



PREVIEW

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Prediction: Y



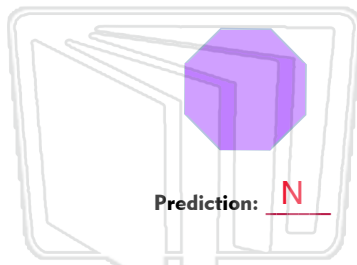
Prediction: Y



Prediction: Y



Prediction: Y



Prediction: N



Prediction: N



Prediction: Y



Prediction: N

Do all squares tessellate? yes Do all quadrilaterals tessellate? no Do all triangles tessellate? yes

Do all rhombuses tessellate? yes Do all rectangles tessellate? yes Do all pentagons tessellate? no

Do all parallelograms tessellate? yes Do all octagons tessellate? no Do all trapezoids tessellate? yes