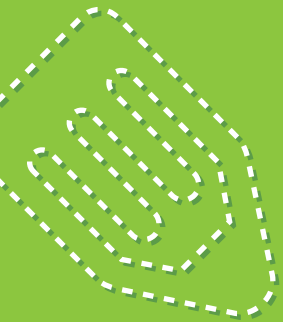


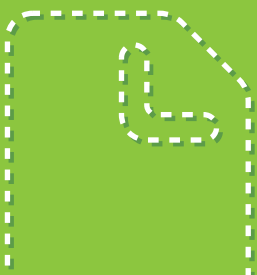


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Rotational Symmetry

Print Activities – Pack 1



Overview

These print activities are designed to be used in conjunction with the **Symmetry School: Learning Geometry** iPad app, to extend the teaching and learning of rotational symmetry.

Students will be able to:

- explore and complete pre-populated symmetrical puzzles,
- populate and color worksheets to model their understanding of symmetry,
- create their own symmetrical patterns and pictures.

This pack includes:

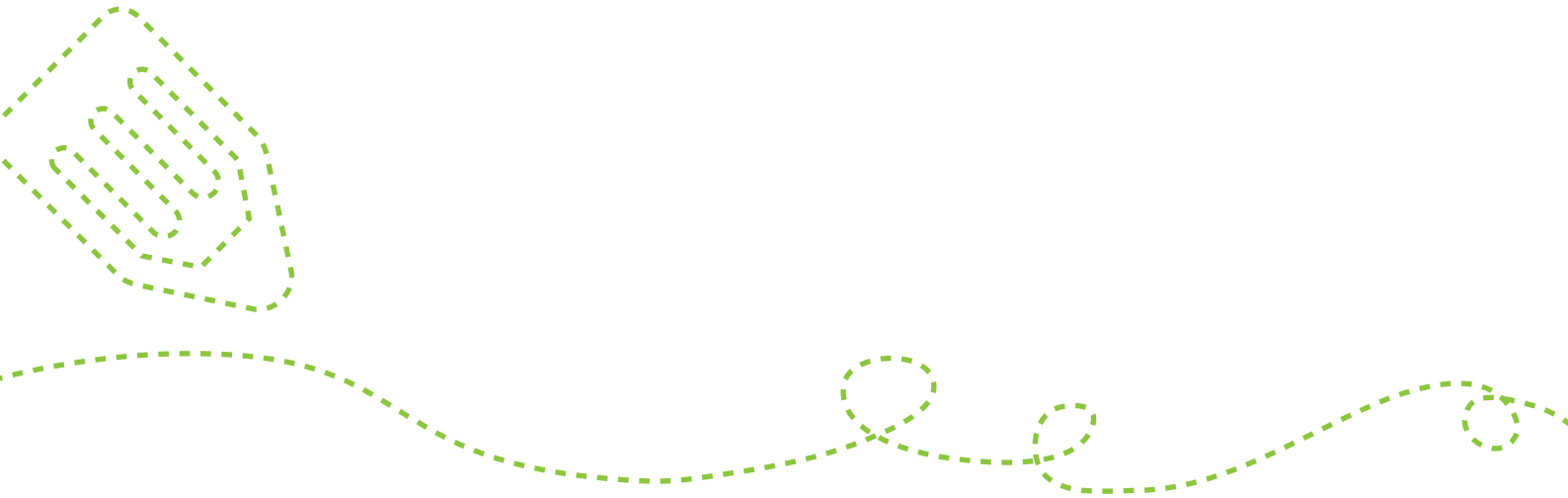
- Rotational Symmetry – Easy – Student Class Worksheets
- Rotational Symmetry – Easy – Student Home Worksheets
- Rotational Symmetry – Medium – Student Class Worksheets
- Rotational Symmetry – Medium – Student Home Worksheets
- Rotational Symmetry – Hard – Student Class Worksheets
- Rotational Symmetry – Hard – Student Home Worksheets
- Rotational Symmetry – Free Play – Student Class Worksheets
- Rotational Symmetry – Free Play – Student Home Worksheets

In addition to the pre-populated puzzles there are blank worksheets, allowing you to create your own symmetrical puzzles with customized instructions for your students.

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Rotational Symmetry – Easy

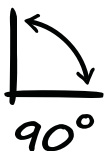
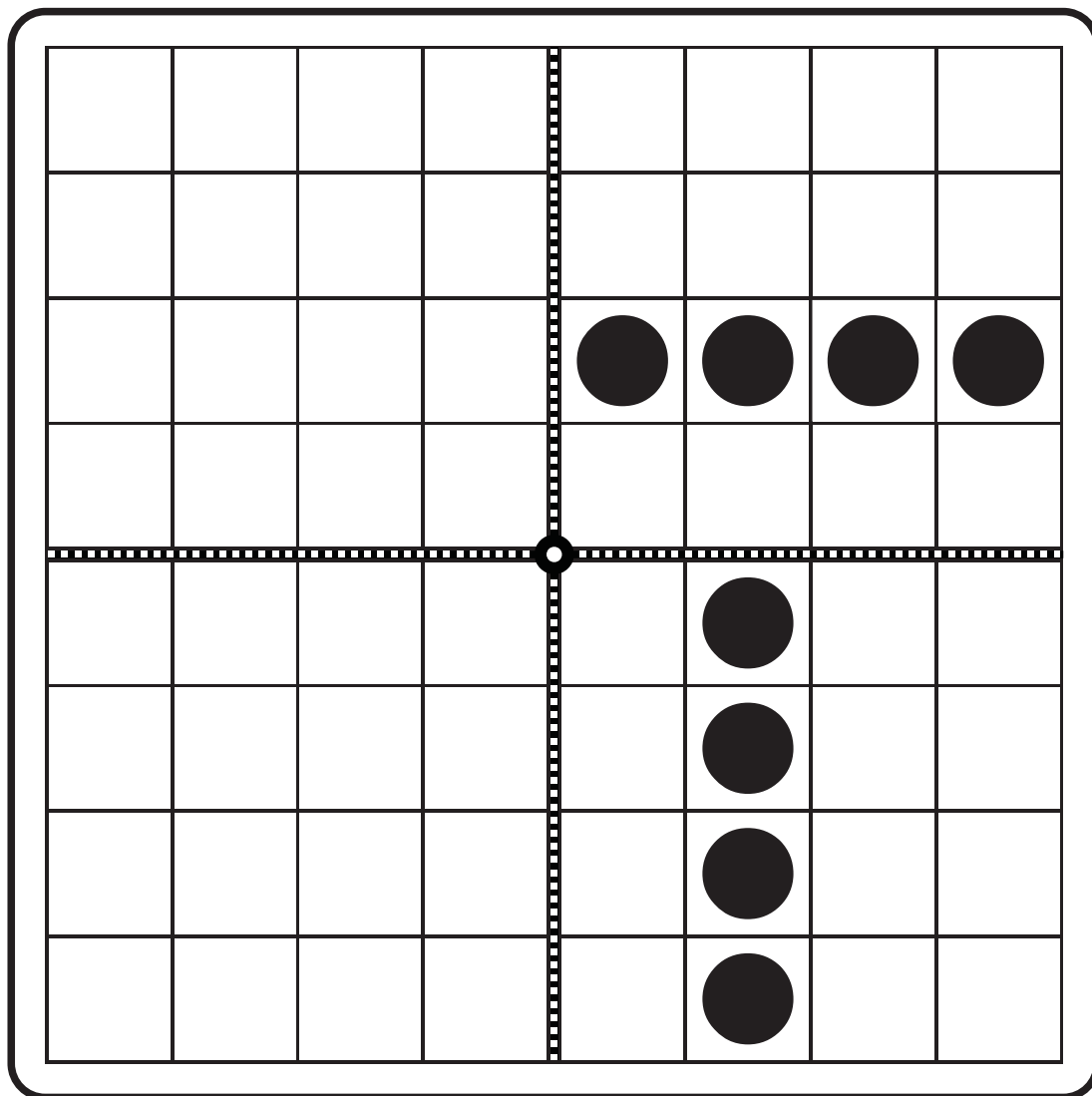


Name: _____

Date: _____

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

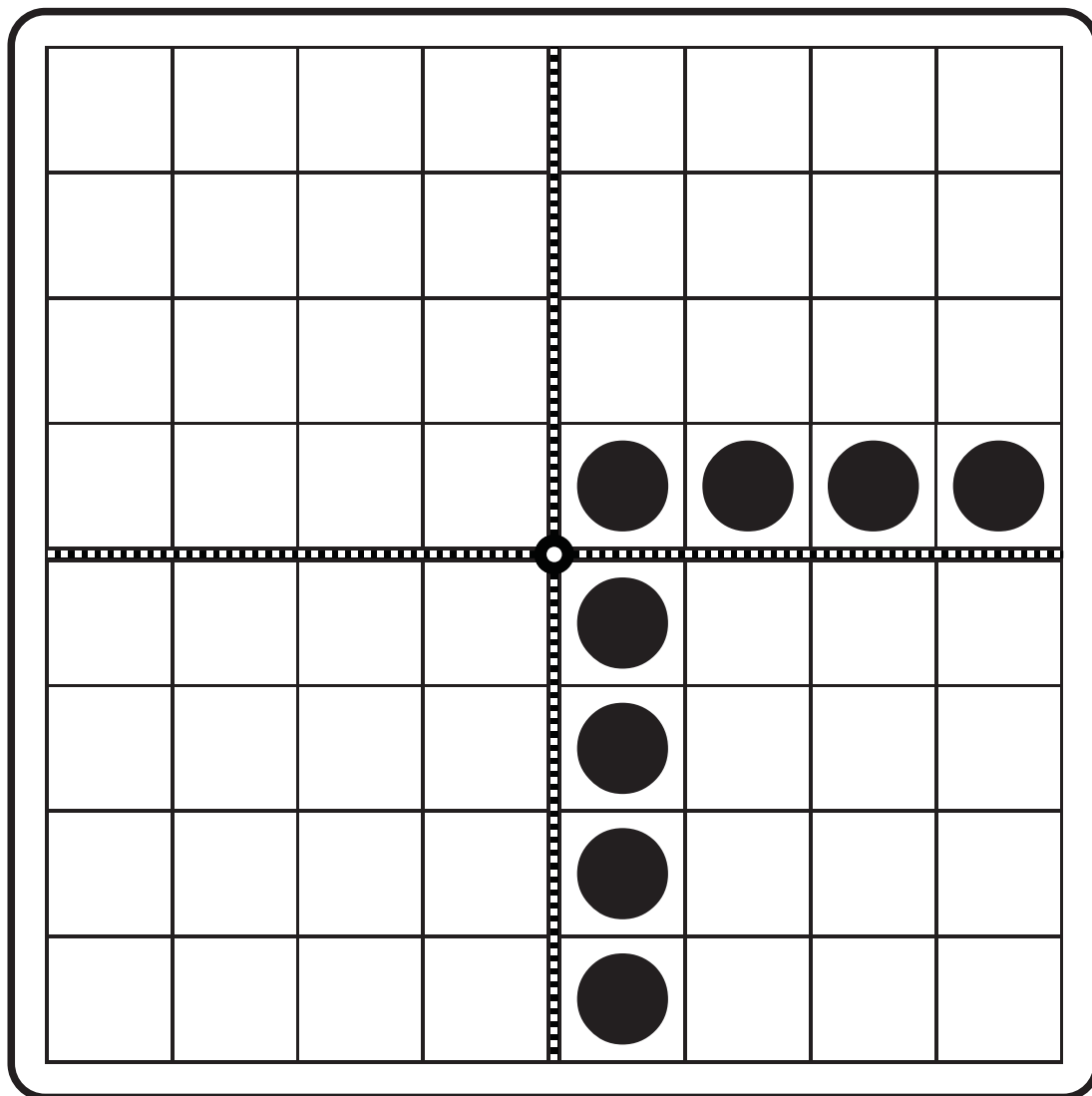


Name: _____

Date: _____

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

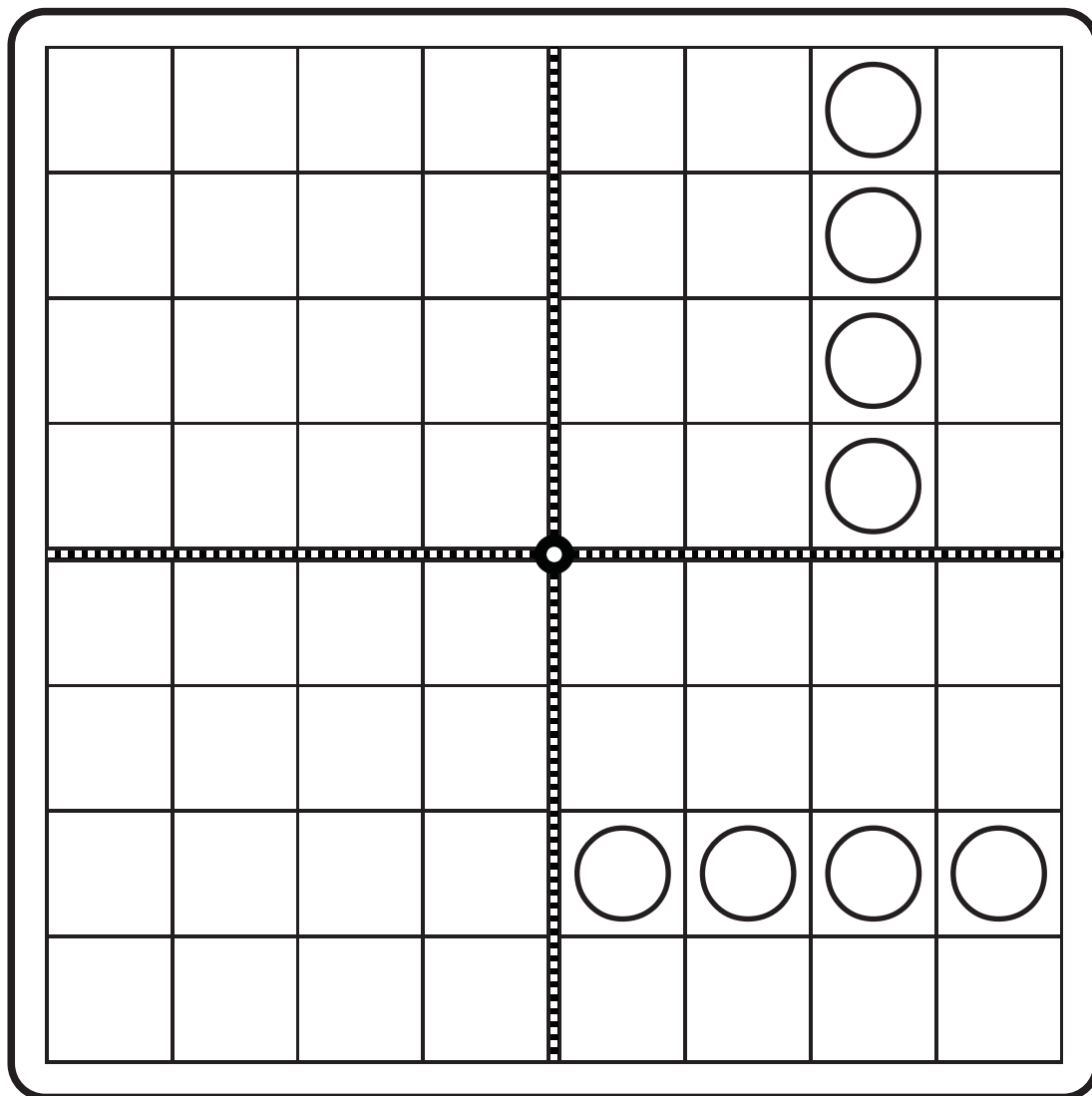


Name: _____

Date: _____

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

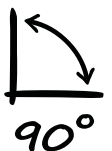
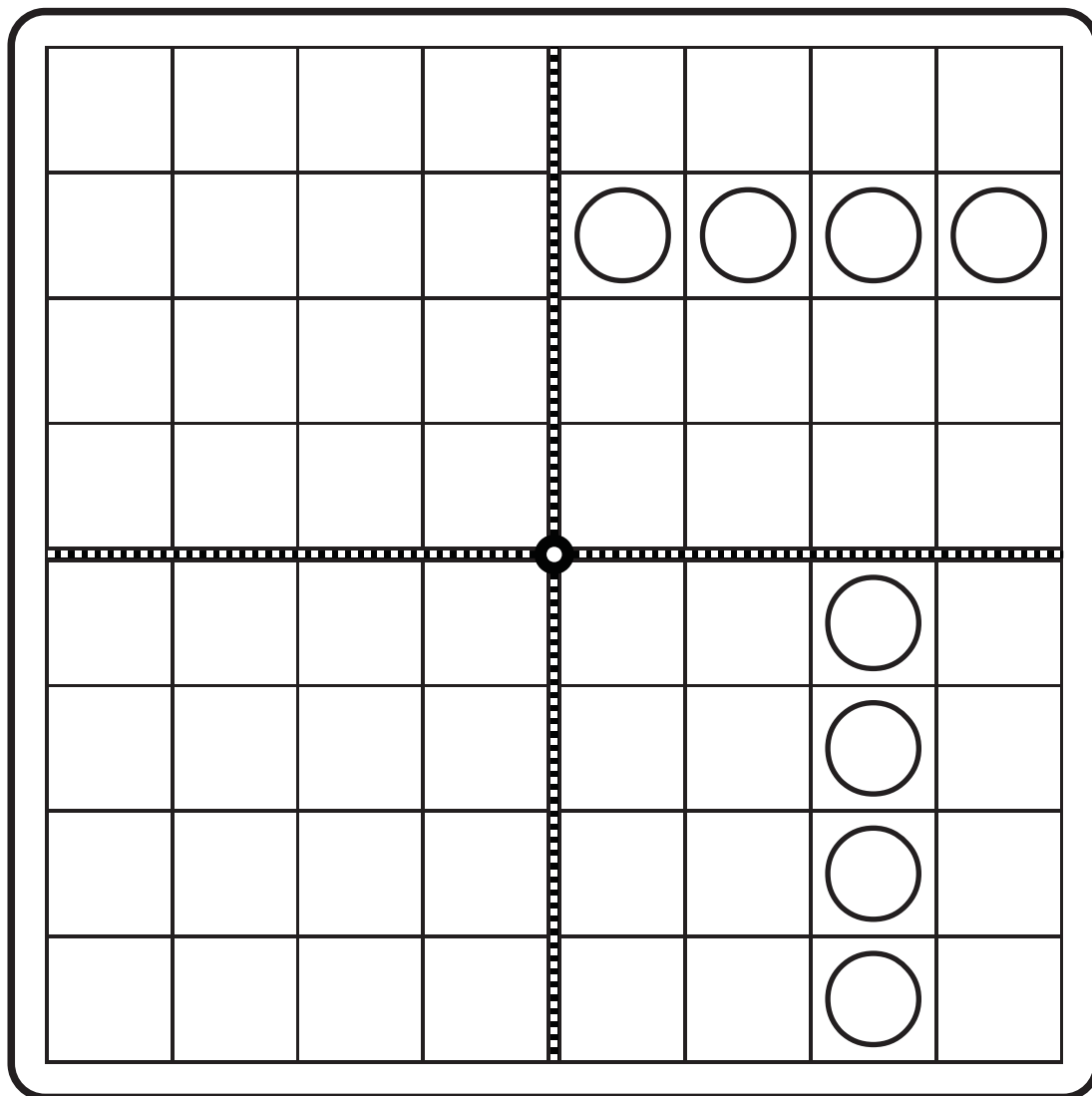


Name: _____

Date: _____

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

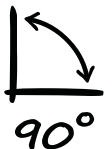
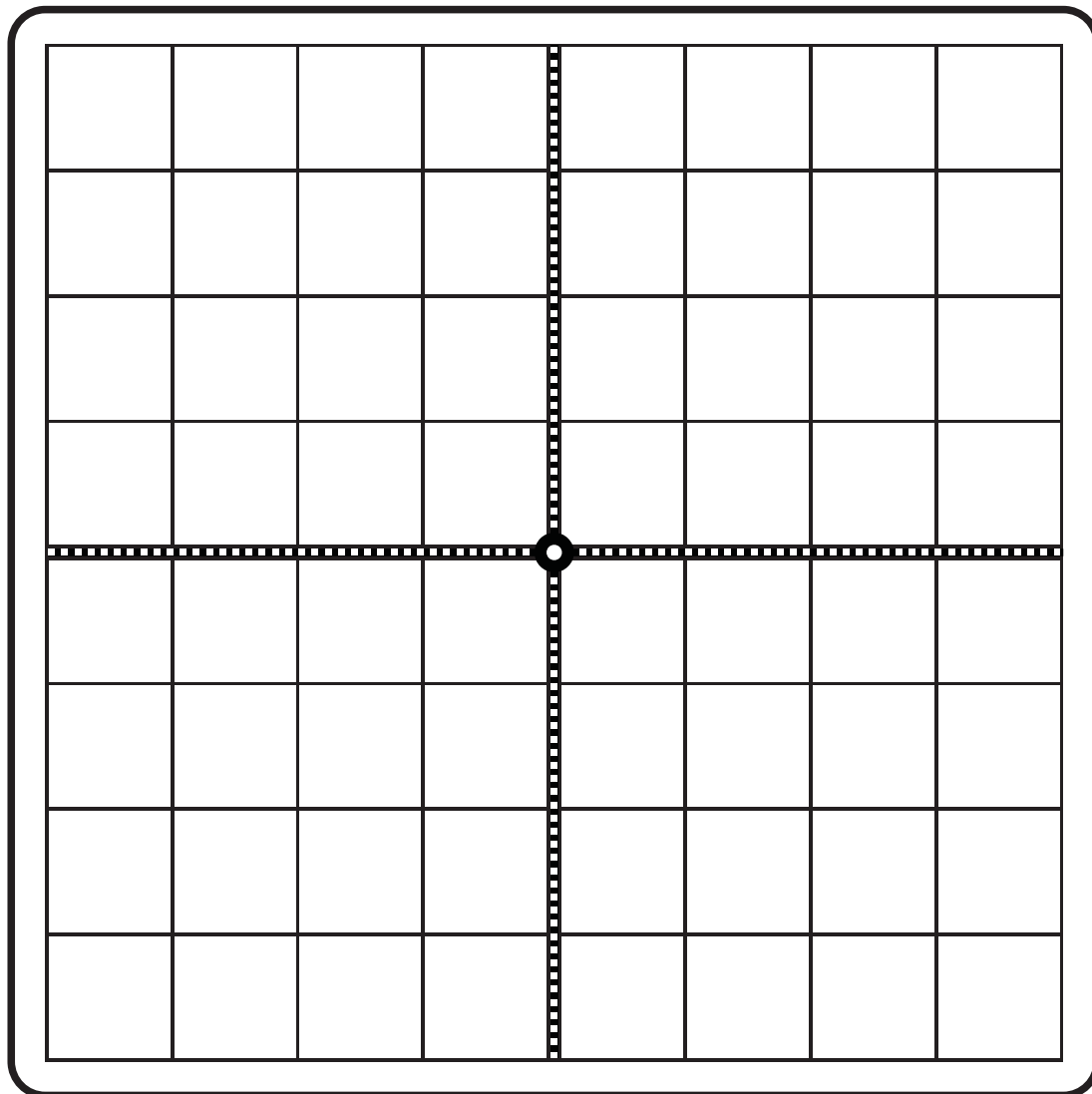


Name: _____

Date: _____

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

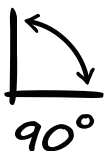
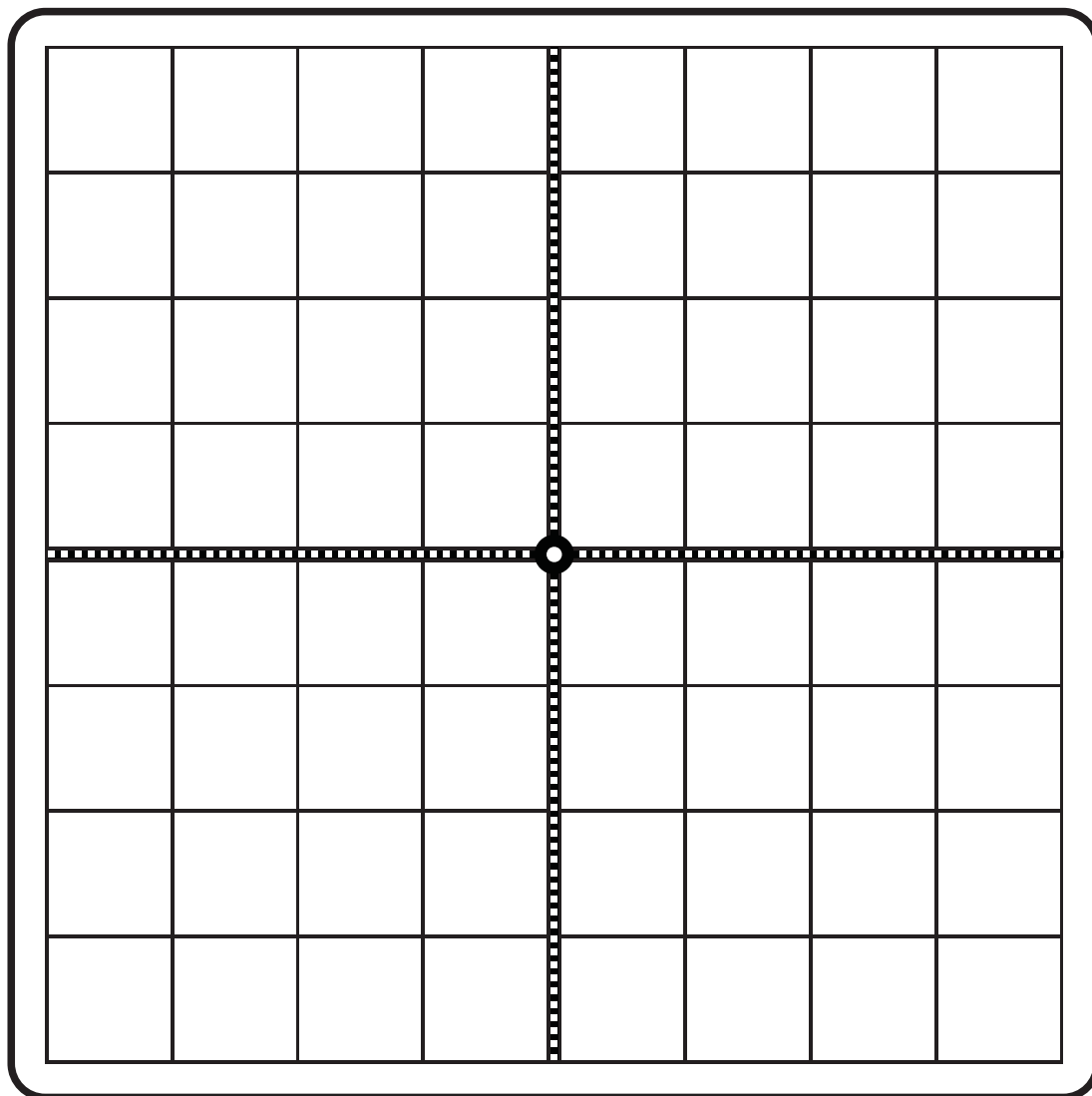


Name: _____

Date: _____

Rotational Symmetry – Easy

Instruction: _____



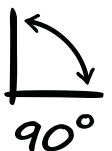
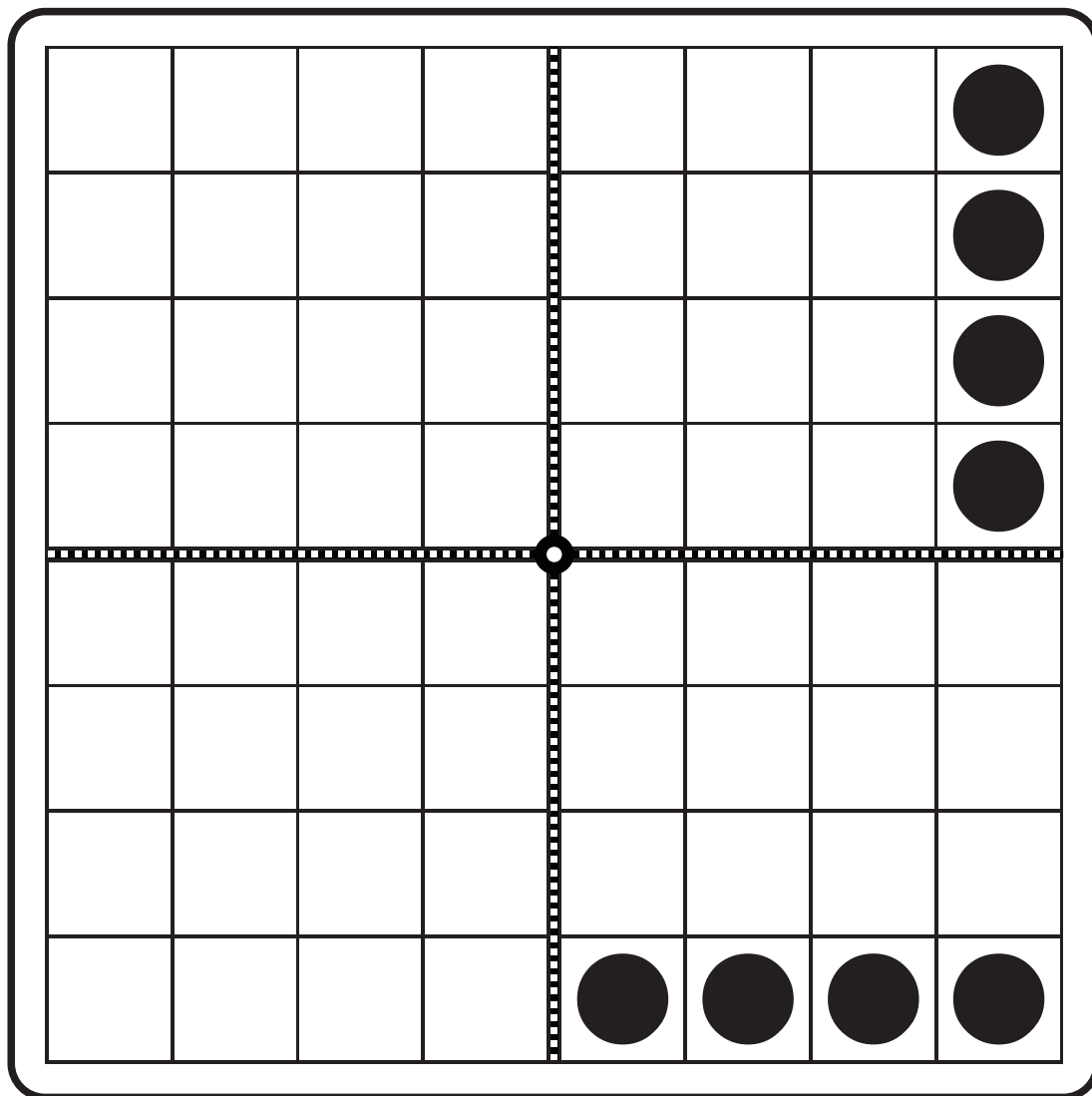
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

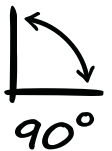
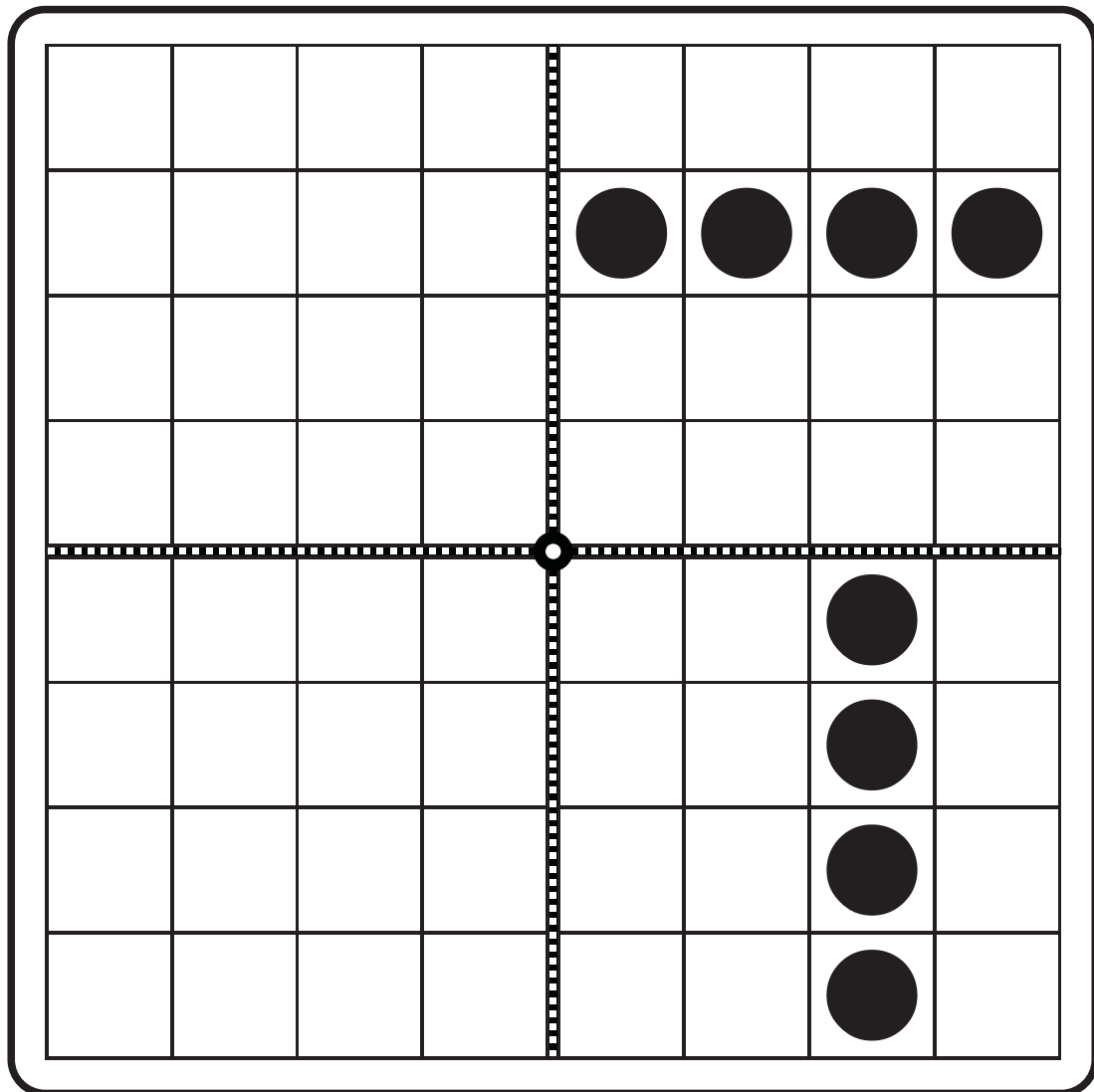
Parent Signature: _____

Date: _____

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Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



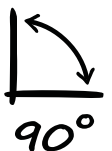
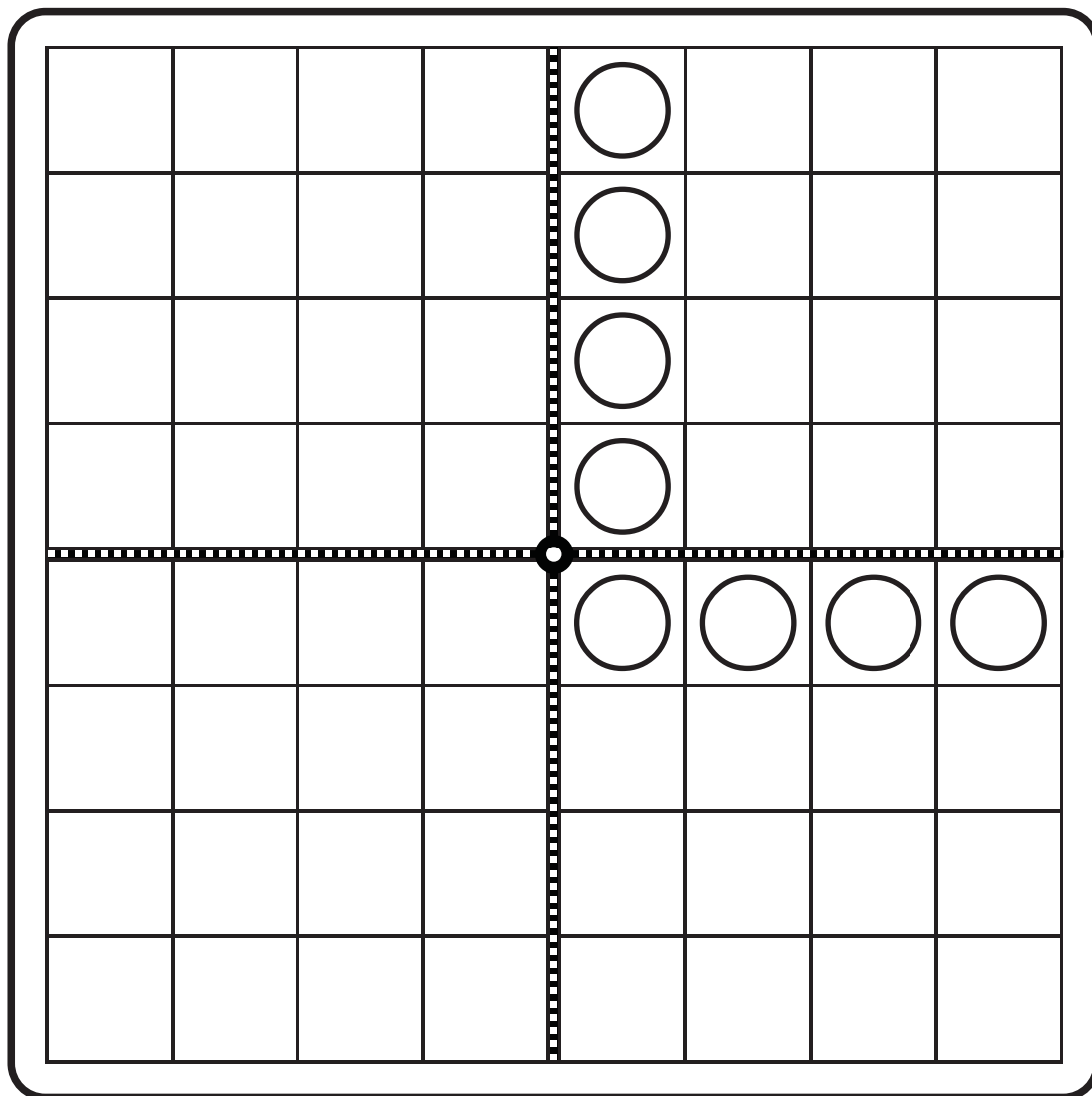
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

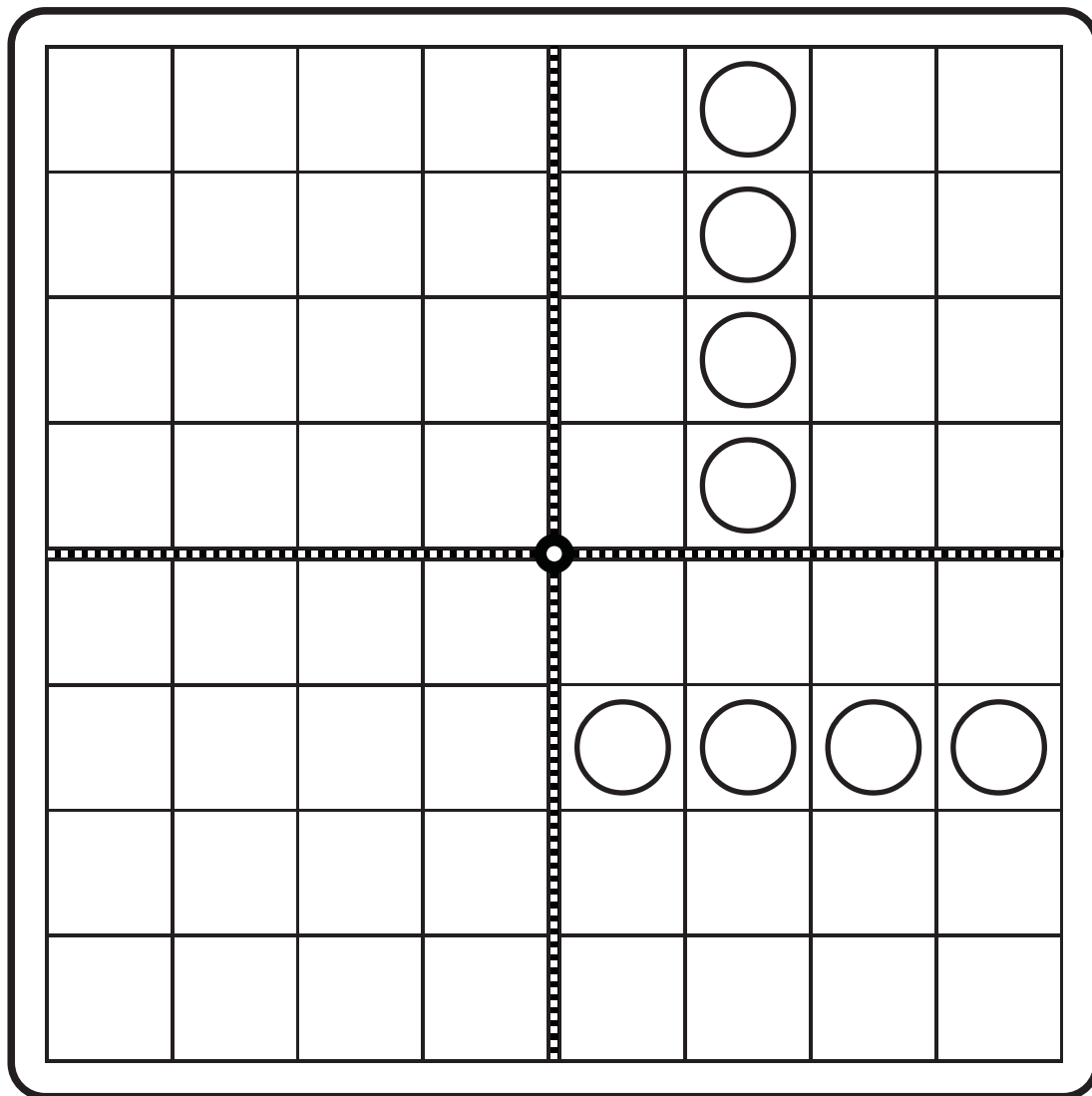
Parent Signature: _____

Date: _____

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Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

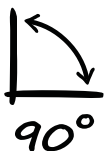
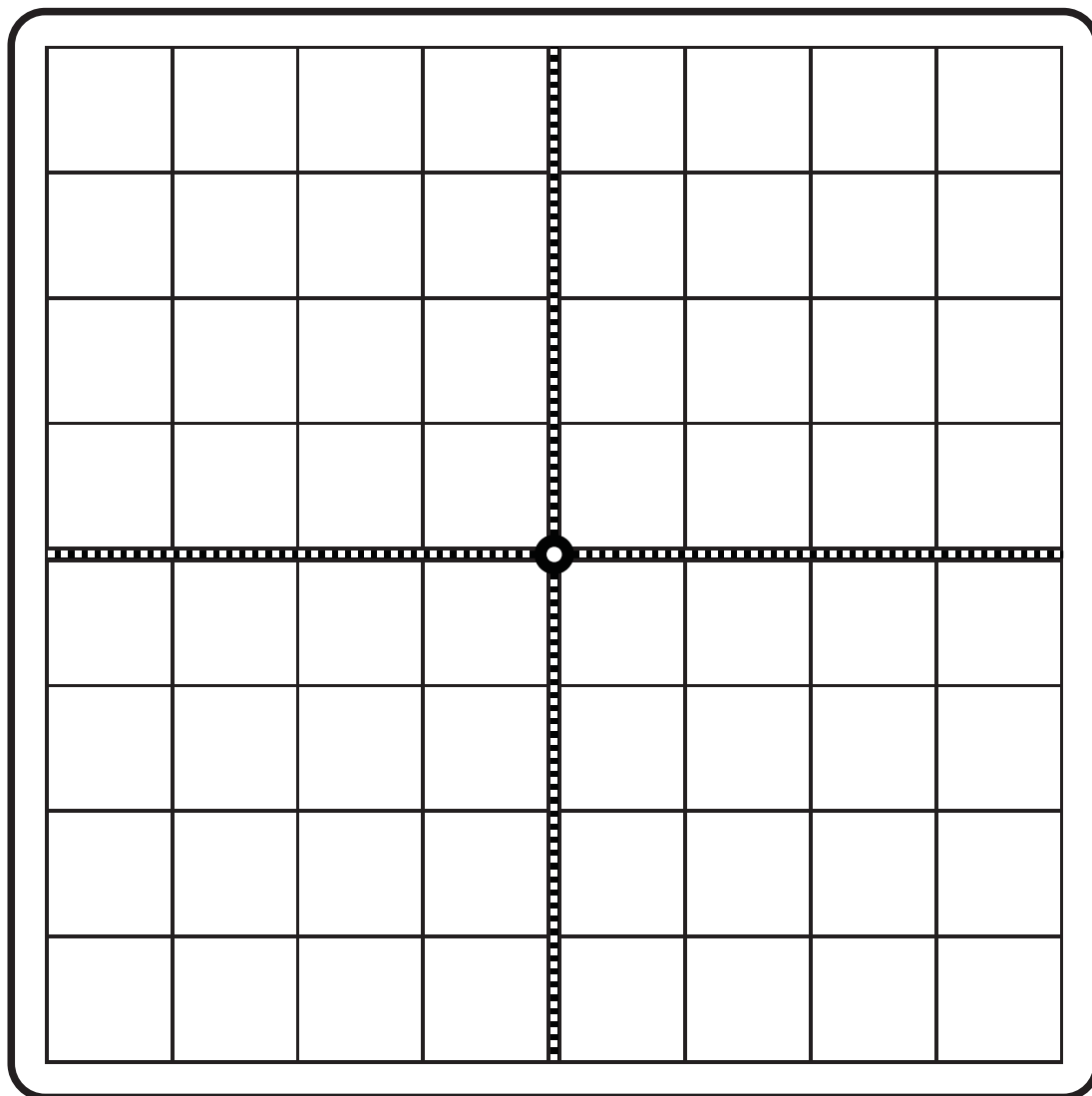
Parent Signature: _____

Date: _____

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SCHOOL**

Rotational Symmetry – Easy

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

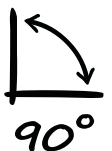
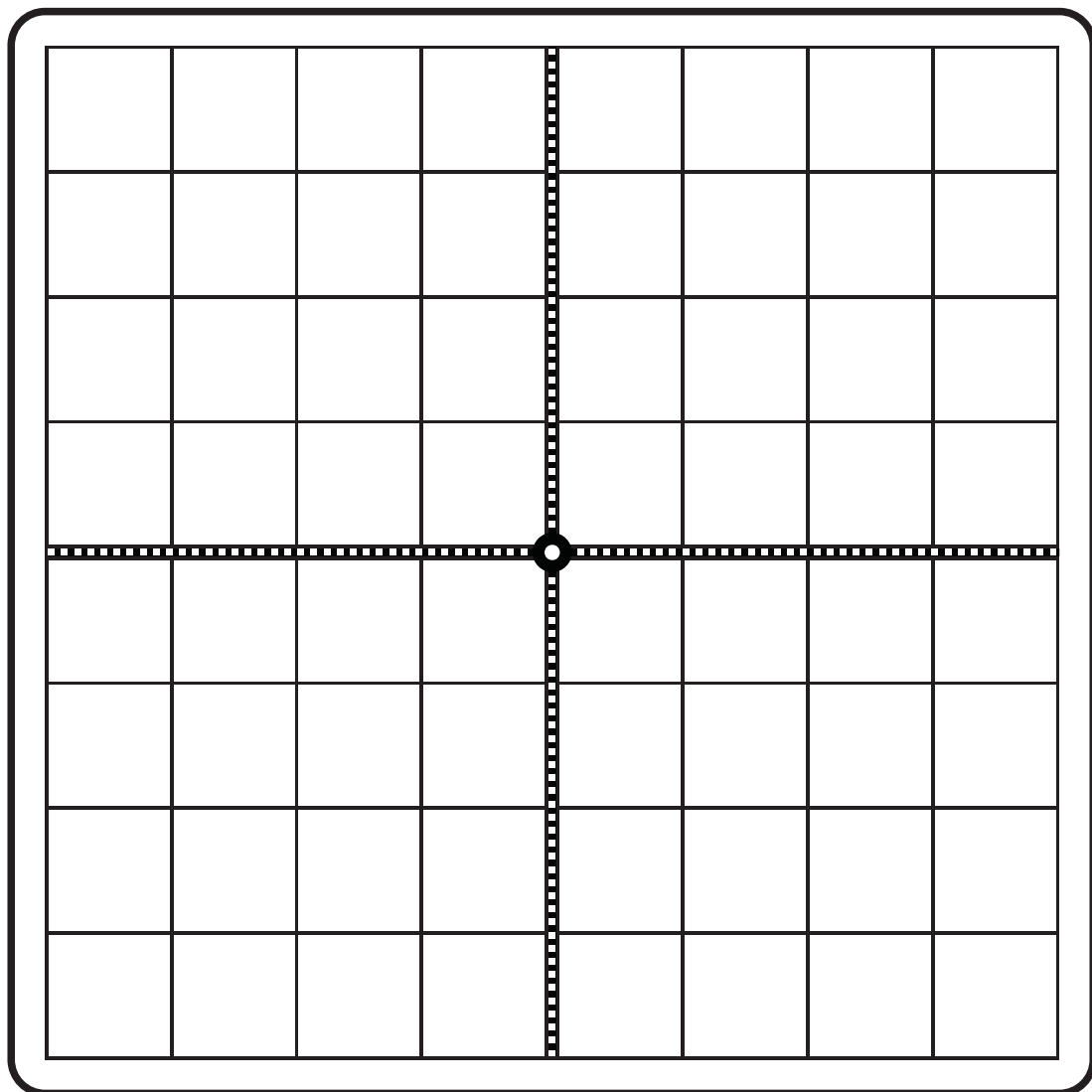
Parent Signature: _____

Date: _____

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SCHOOL**

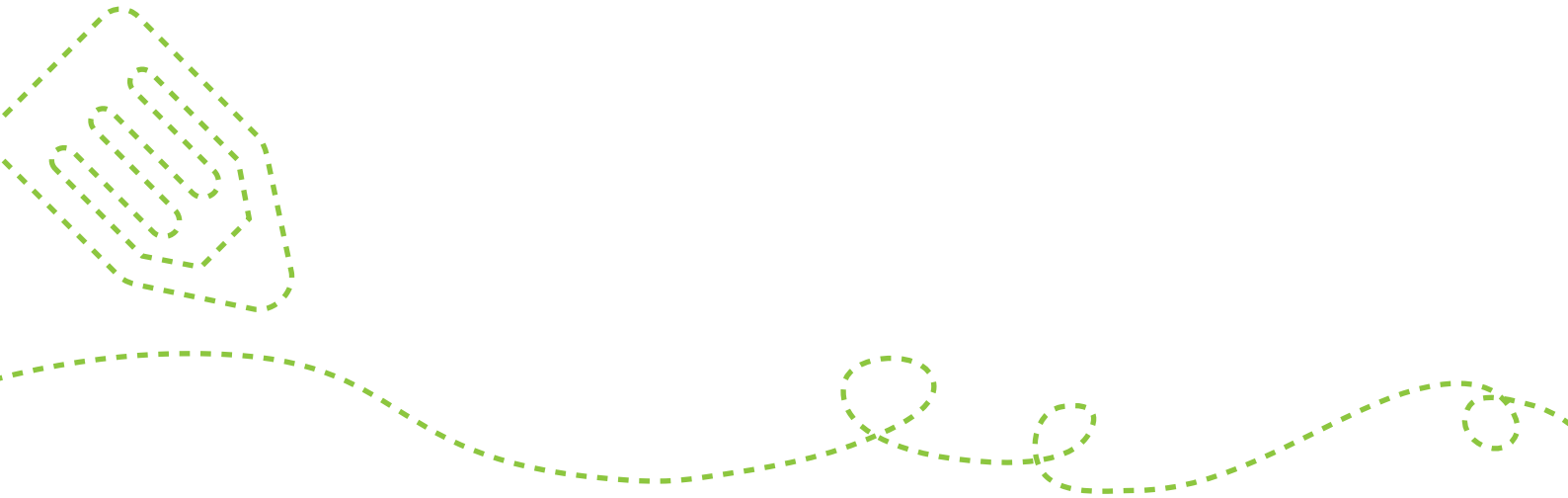
Rotational Symmetry – Easy

Instruction: _____



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Rotational Symmetry – Medium

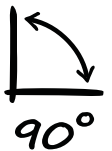
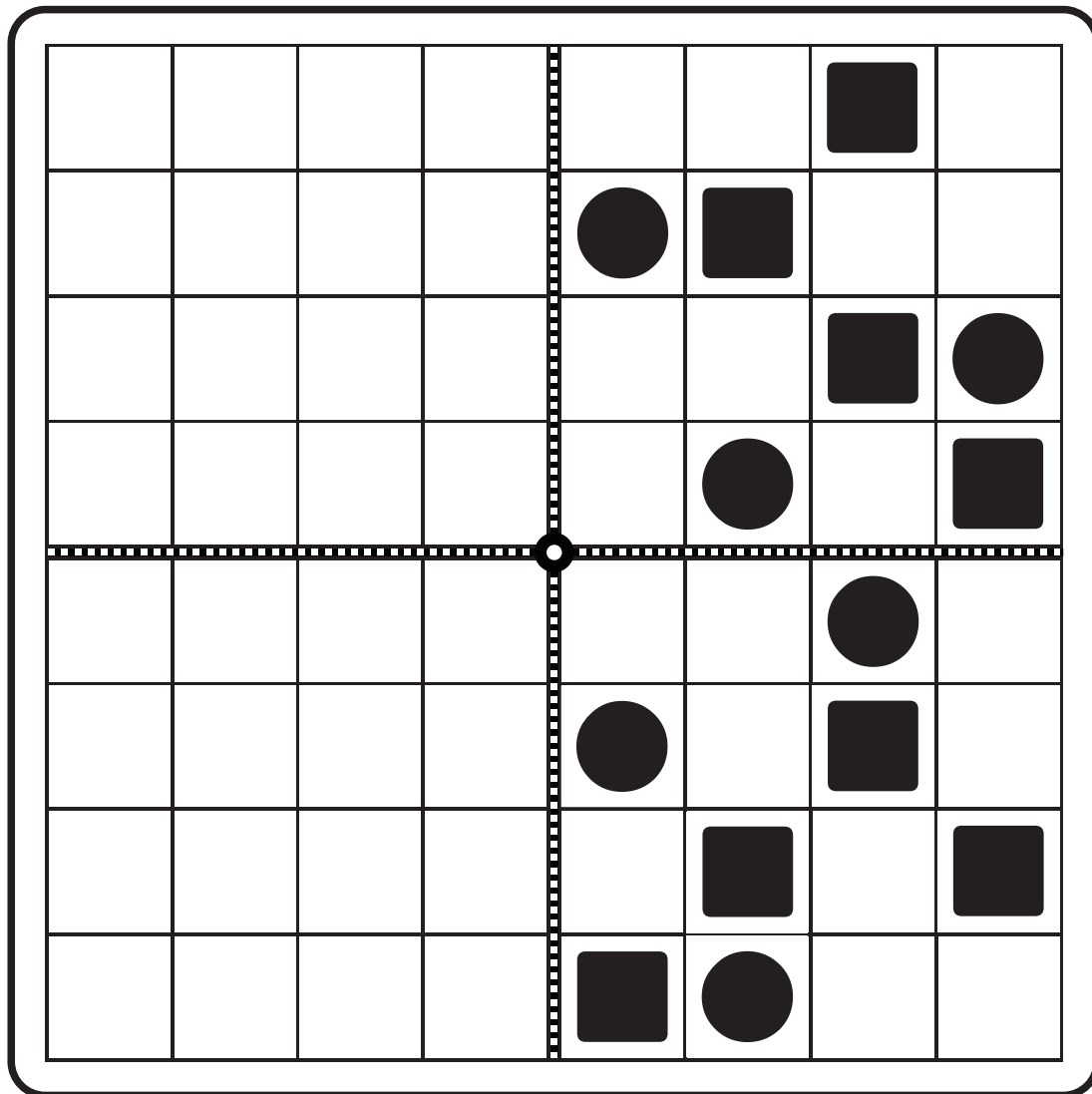


Name: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

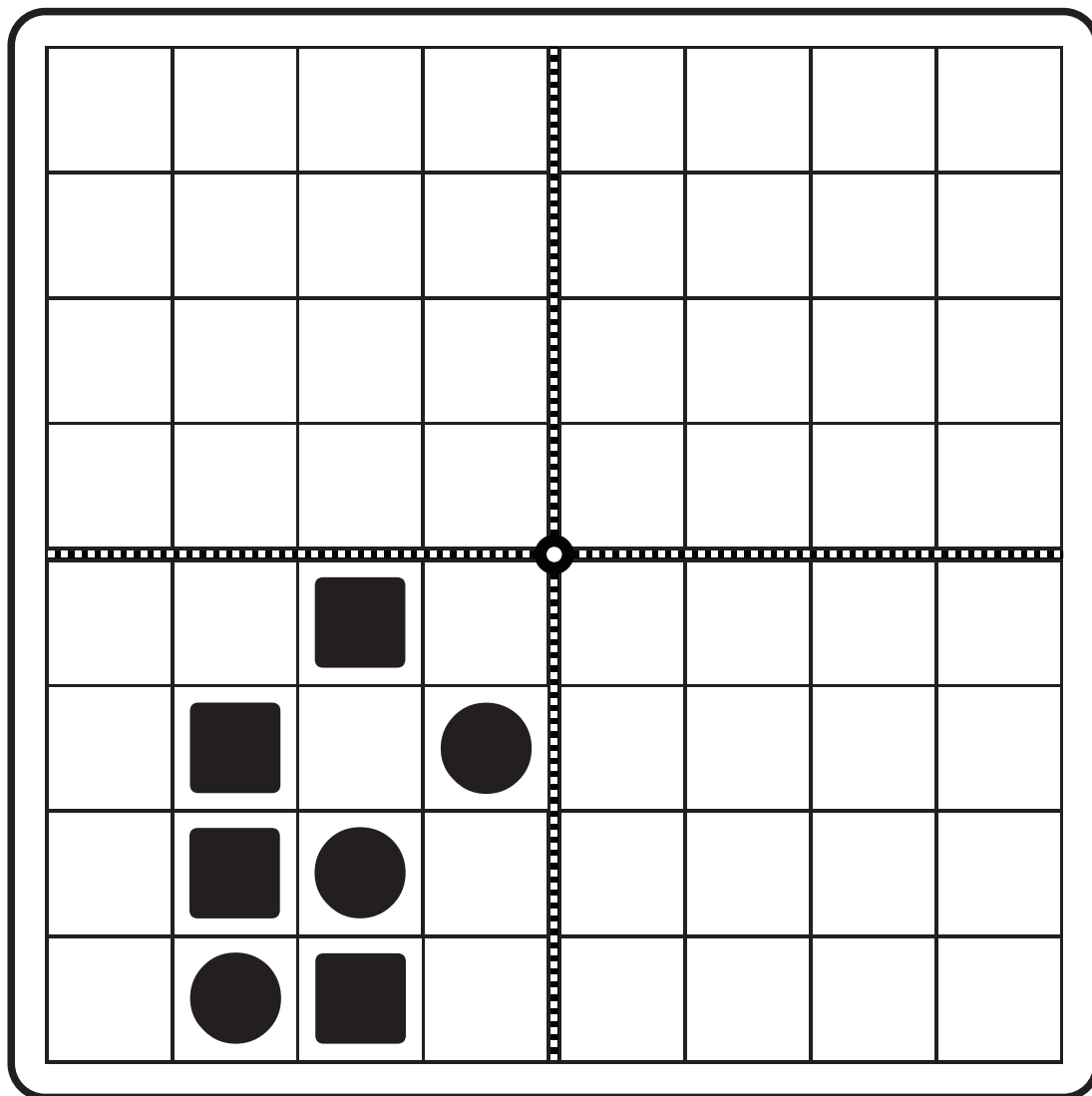


Name: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

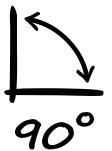
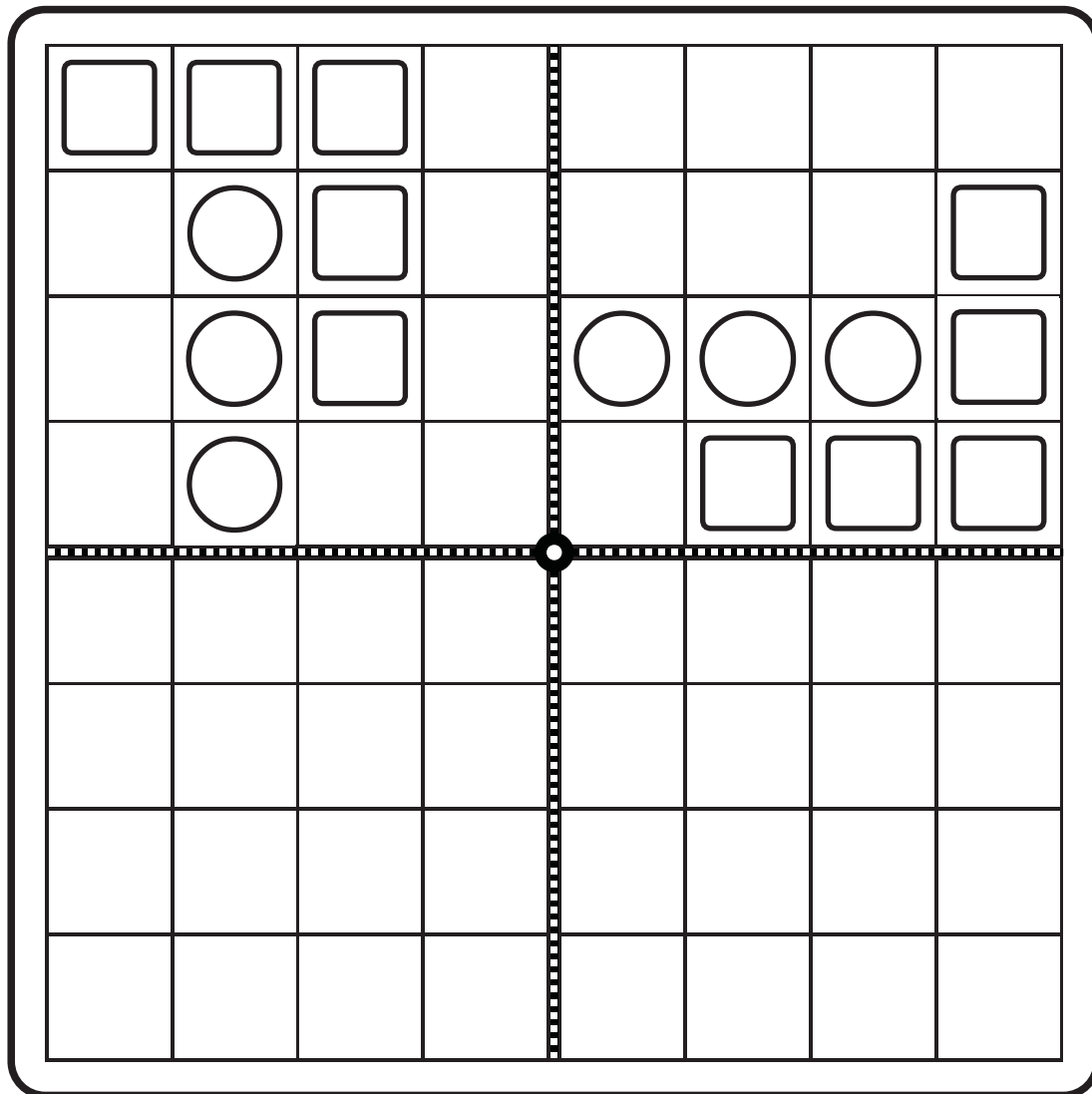


Name: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

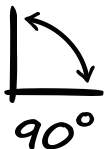
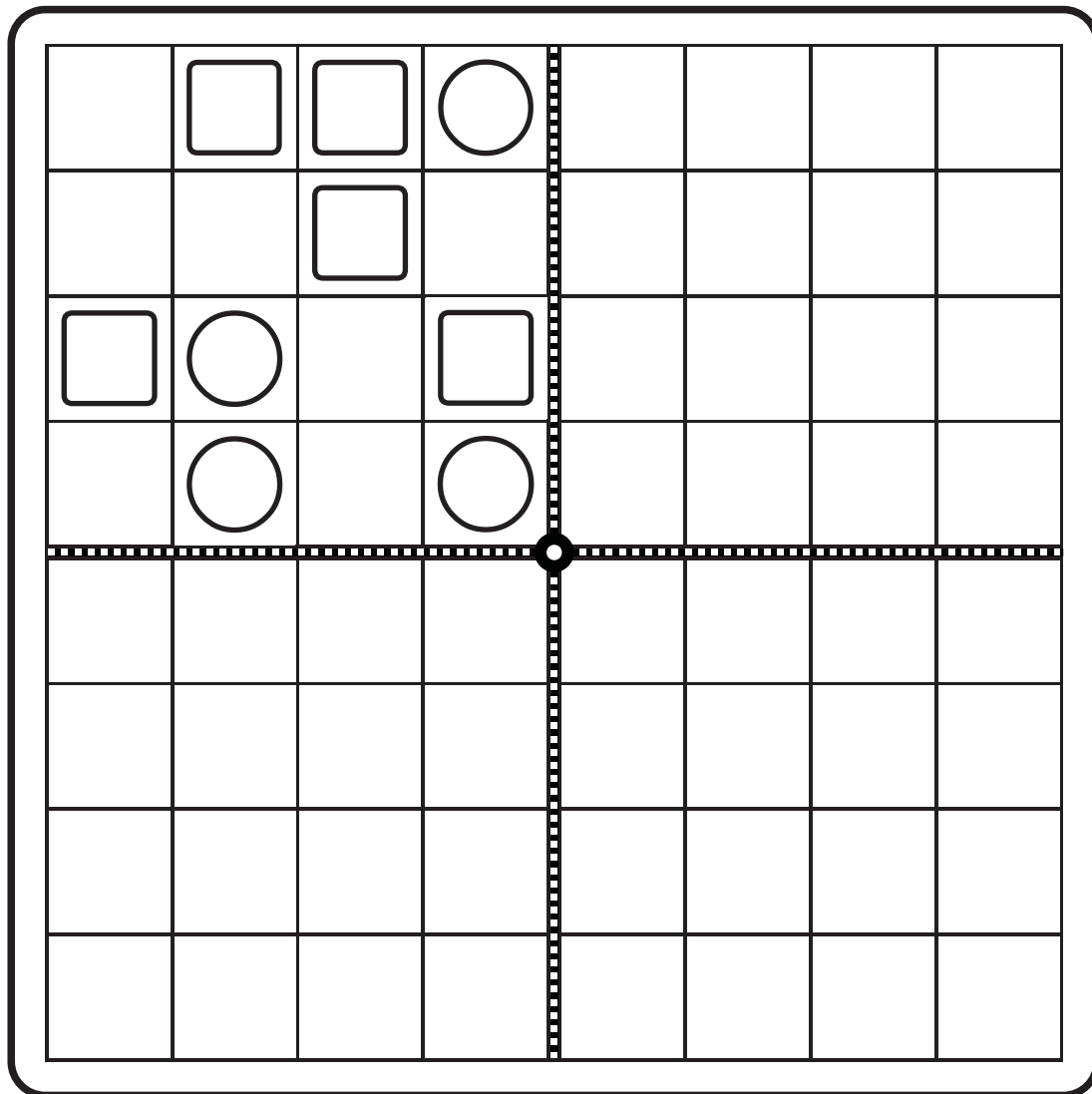


Name: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

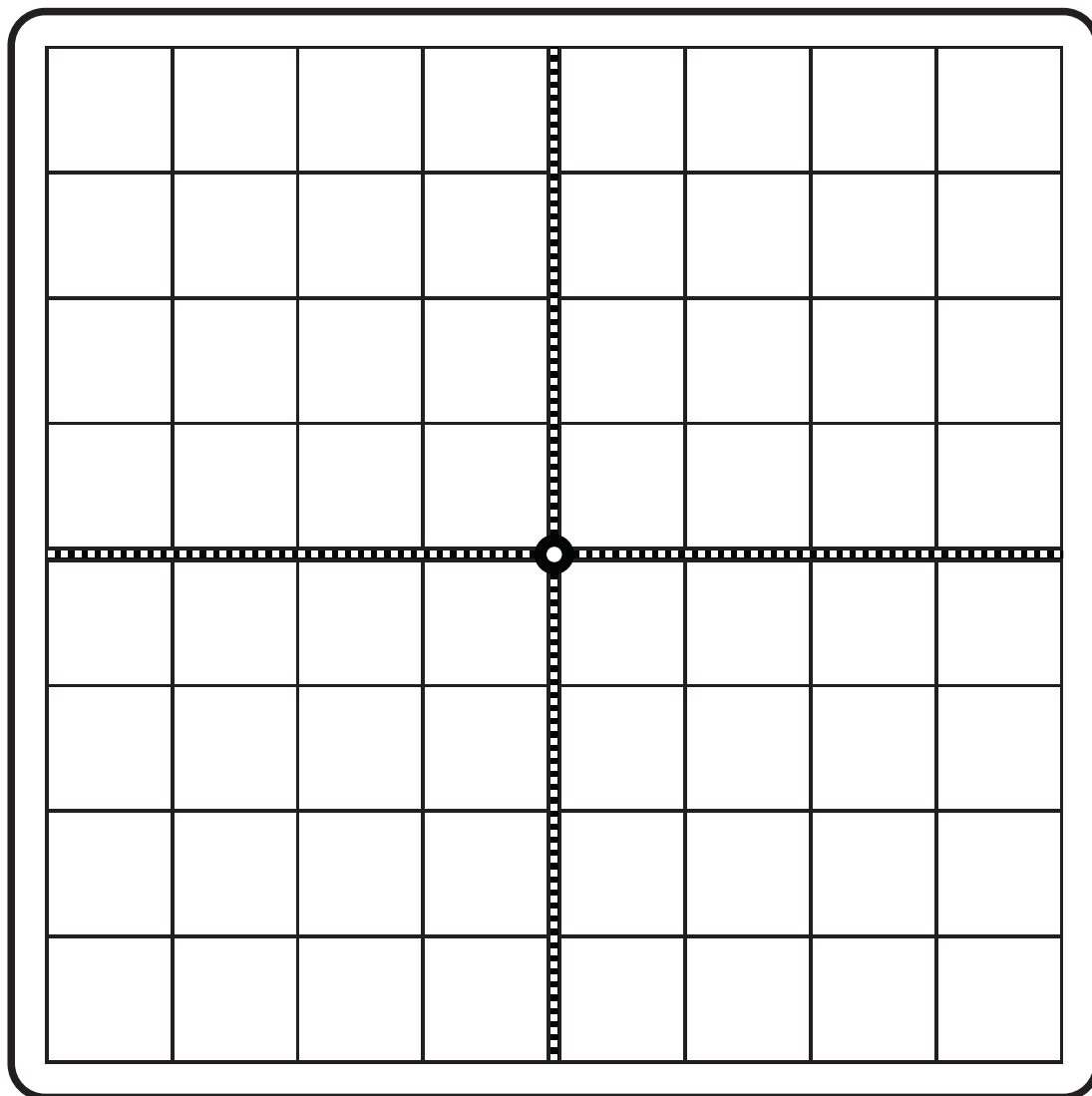


Name: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

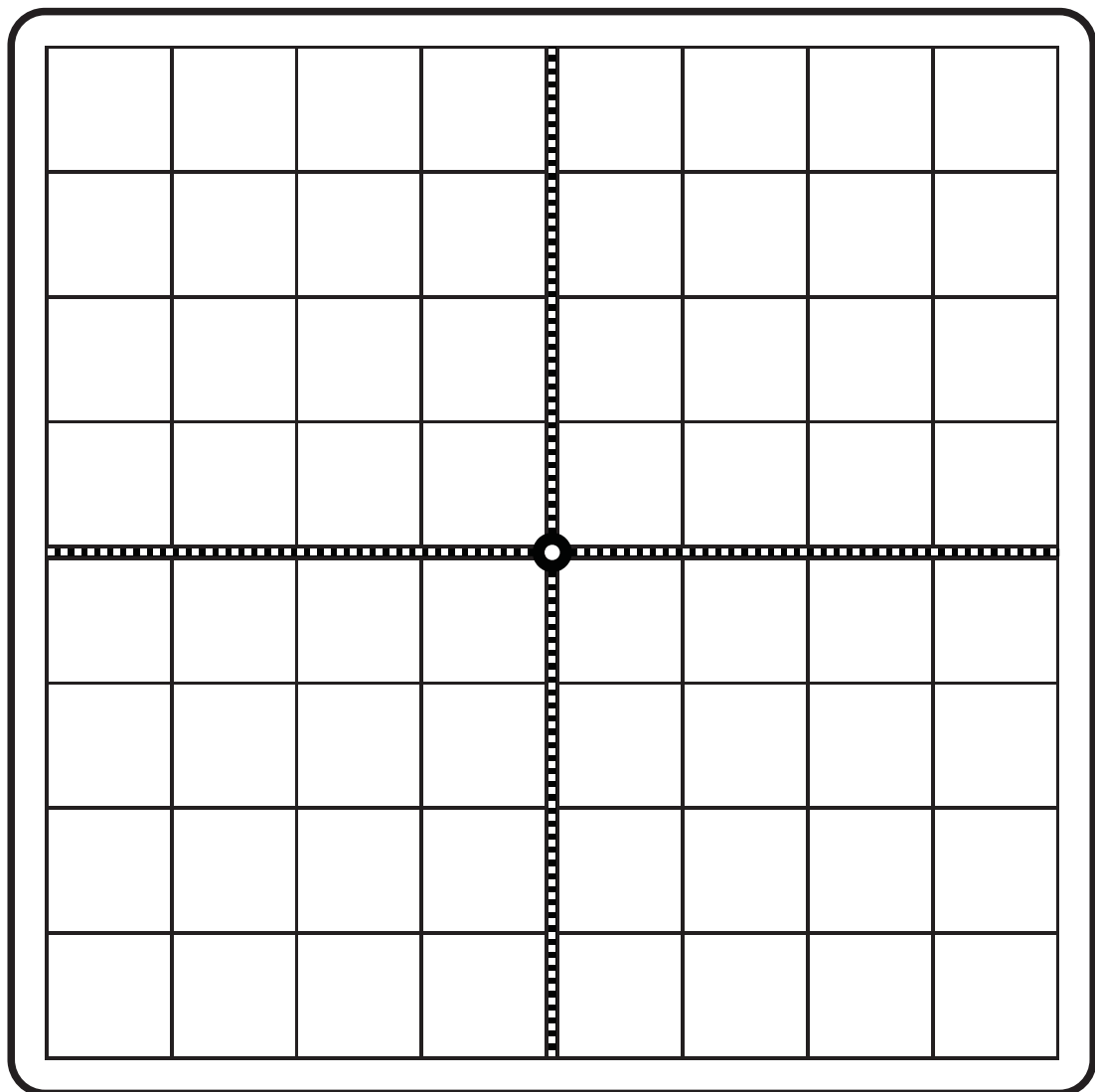


Name: _____

Date: _____

Rotational Symmetry – Medium

Instruction: _____



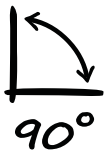
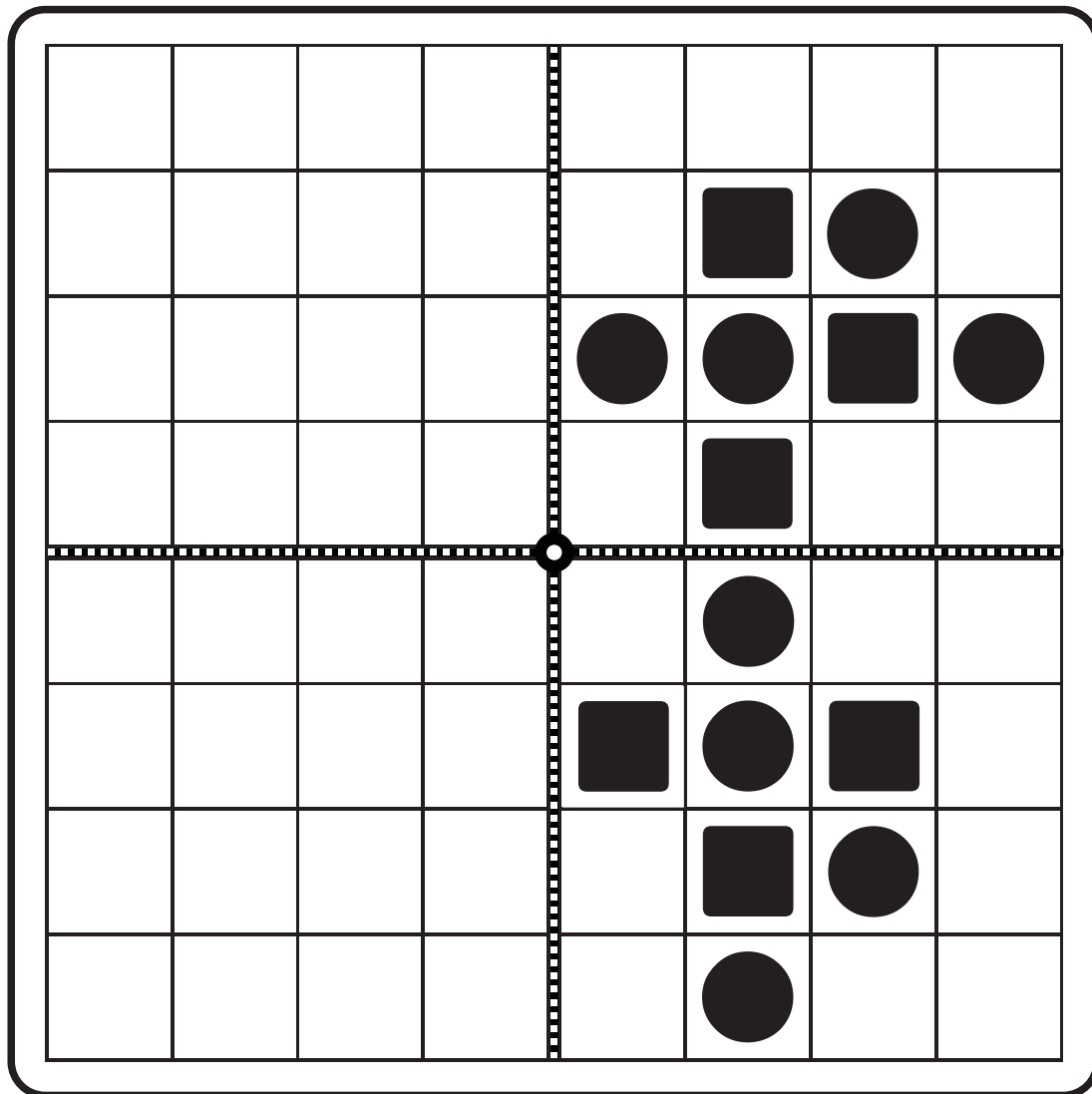
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

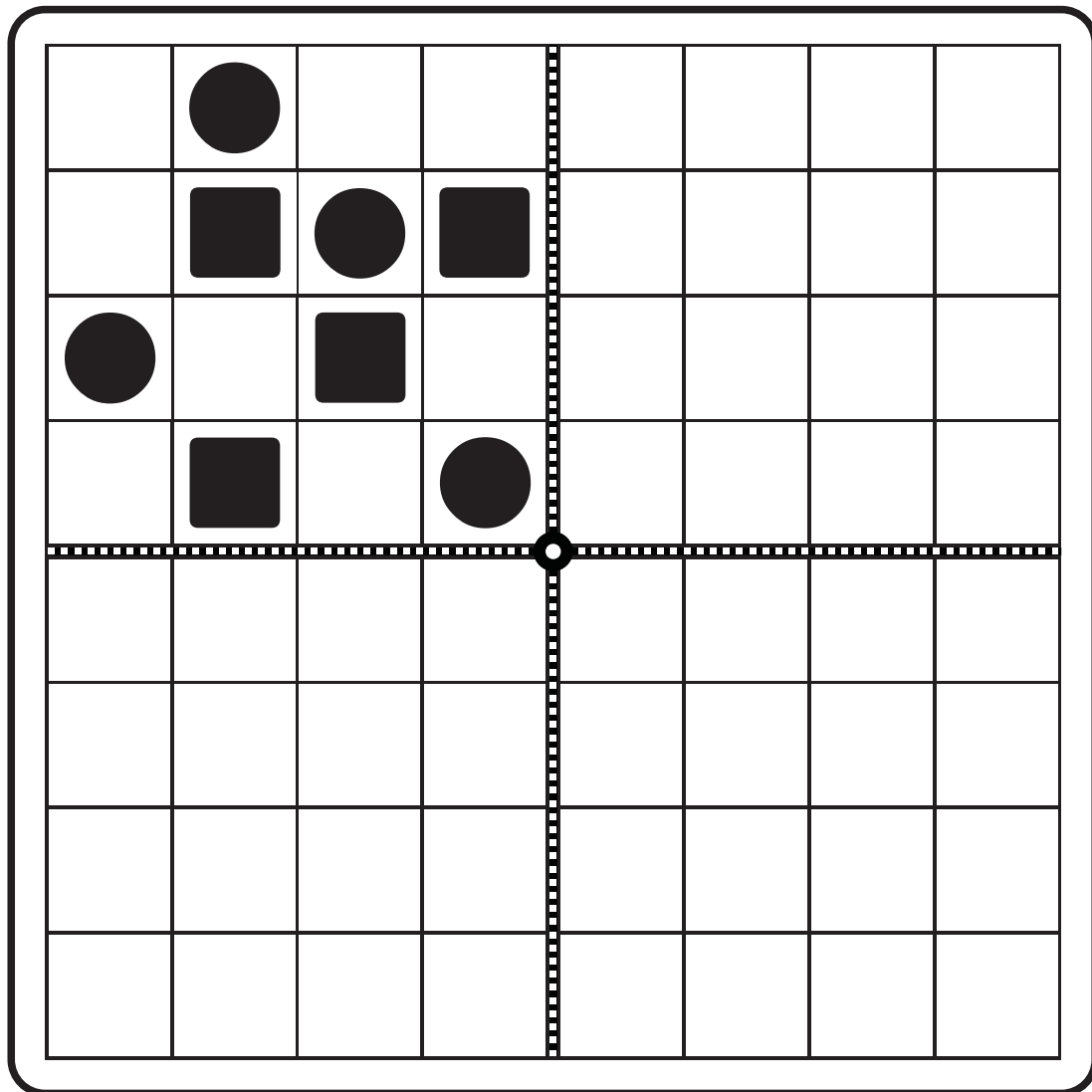
Parent Signature: _____

Date: _____

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Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

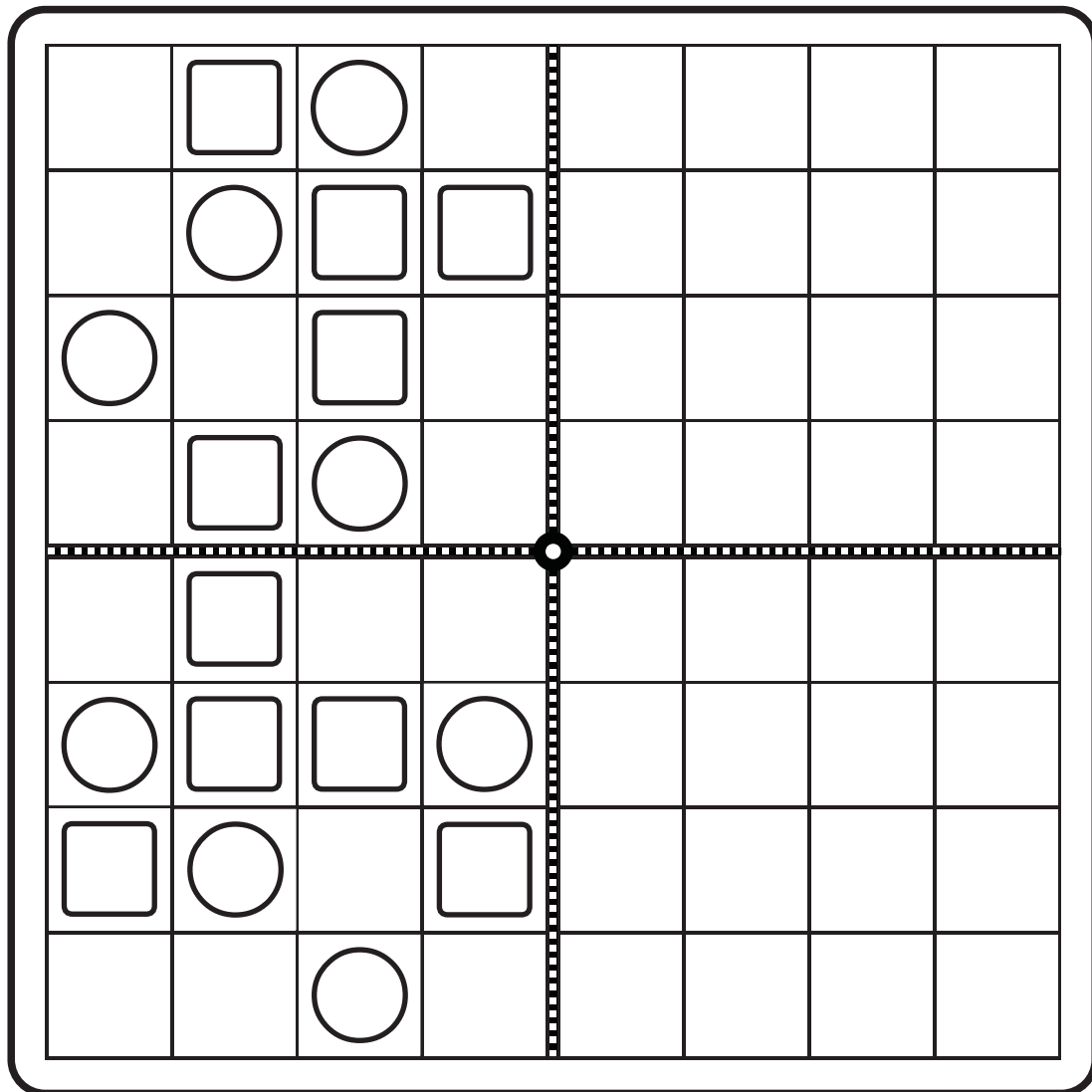
Parent Signature: _____

Date: _____

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SCHOOL**

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



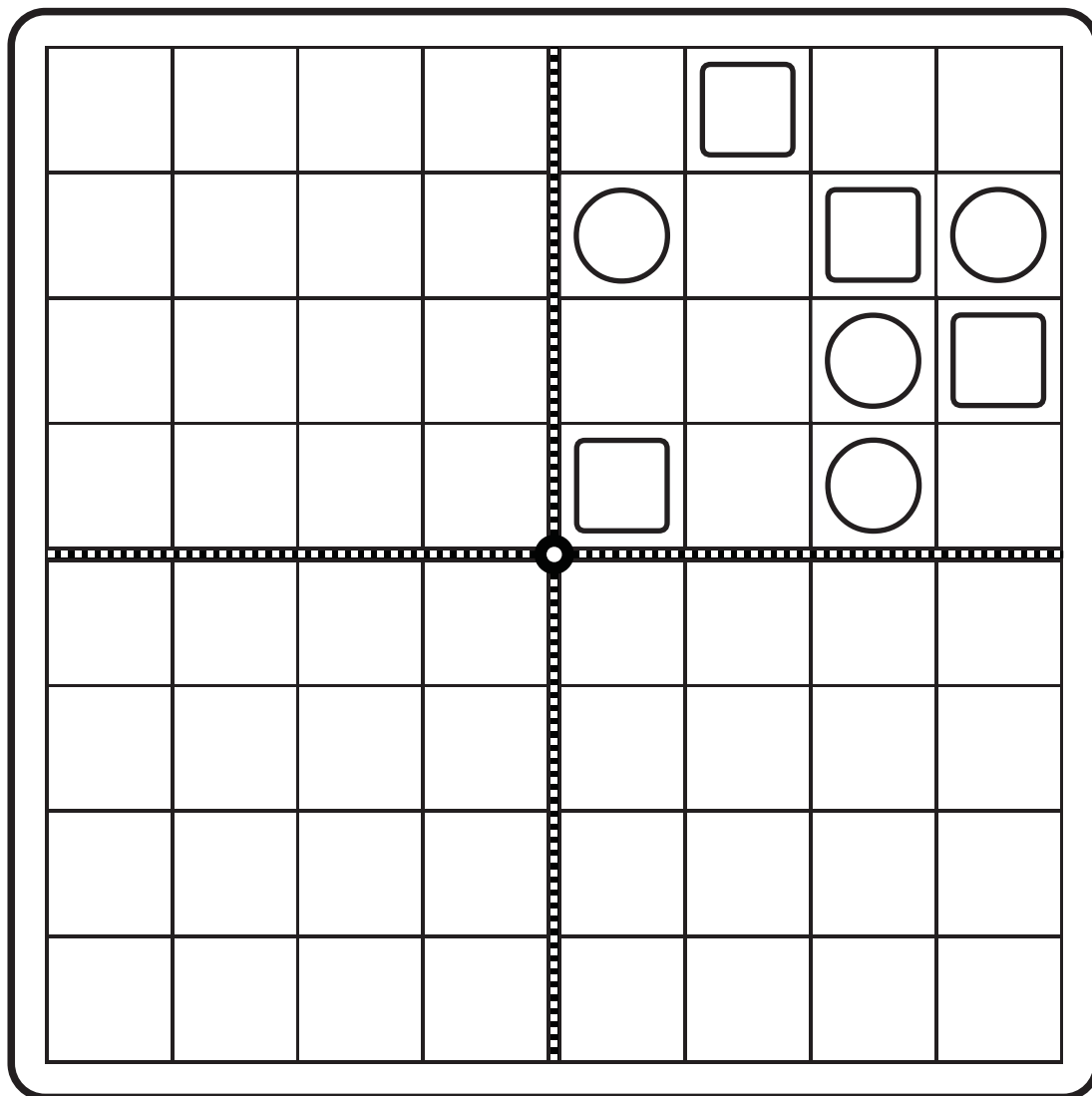
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



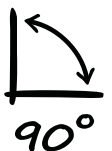
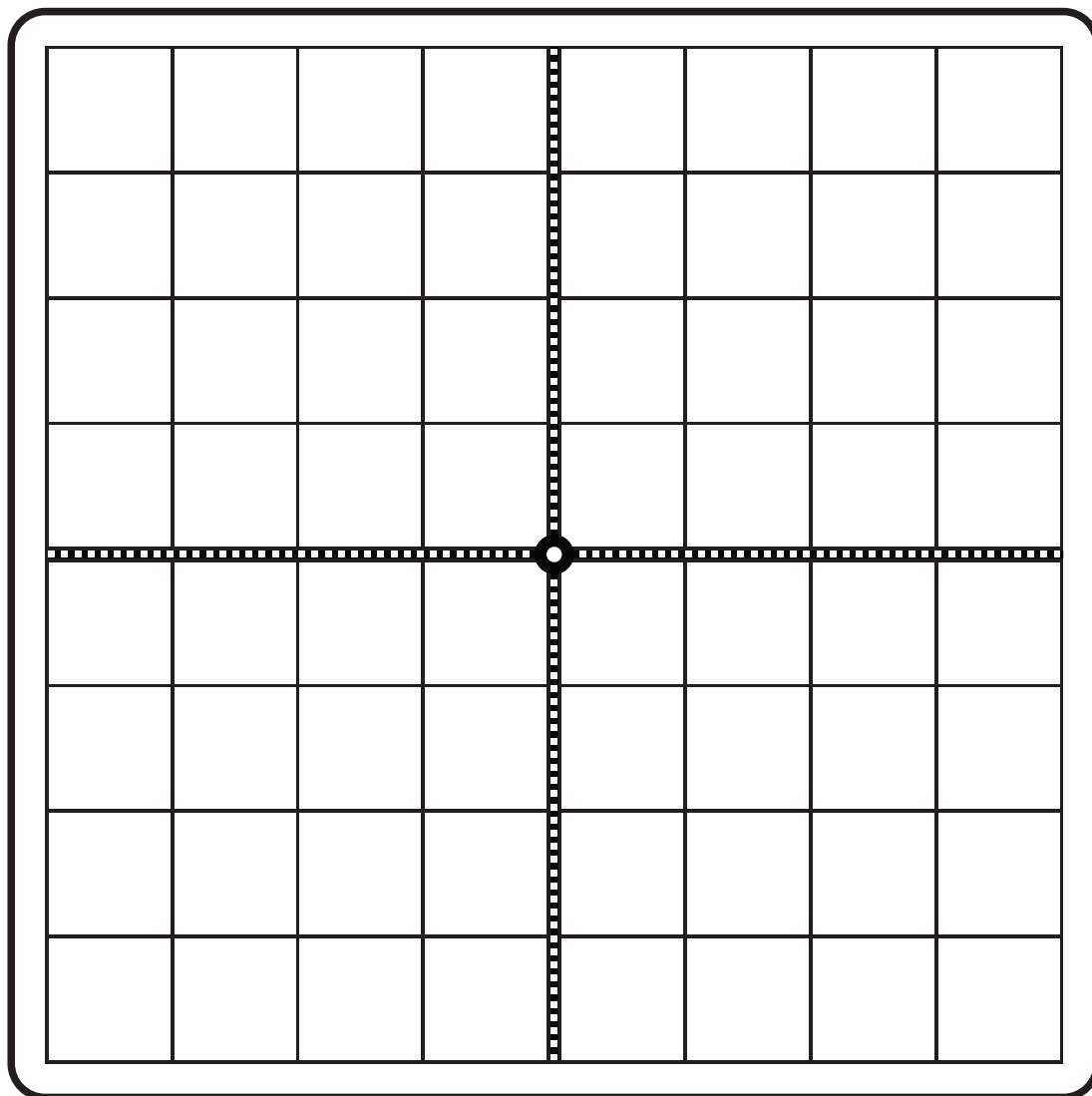
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Medium

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

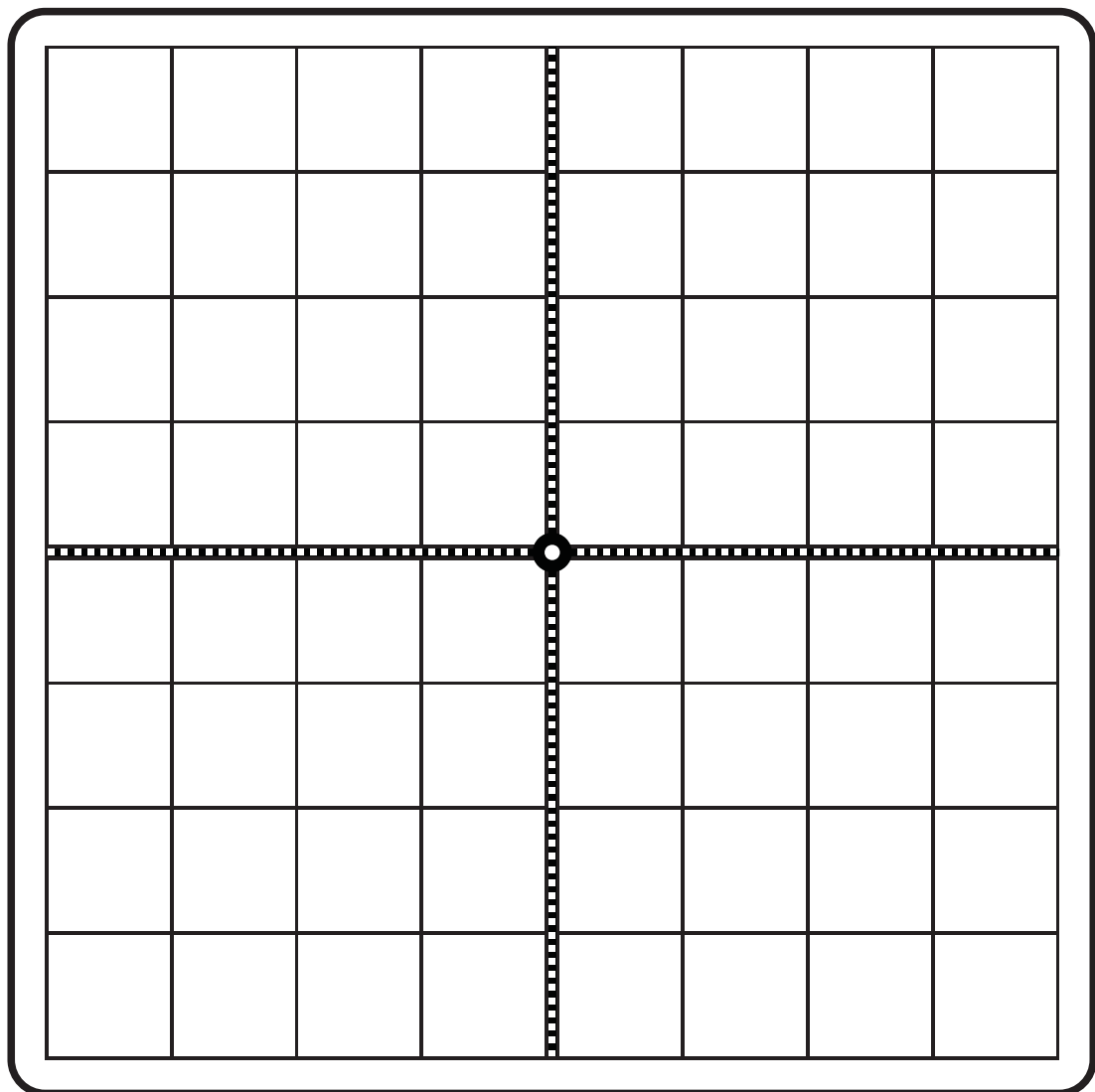
Parent Signature: _____

Date: _____

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SCHOOL**

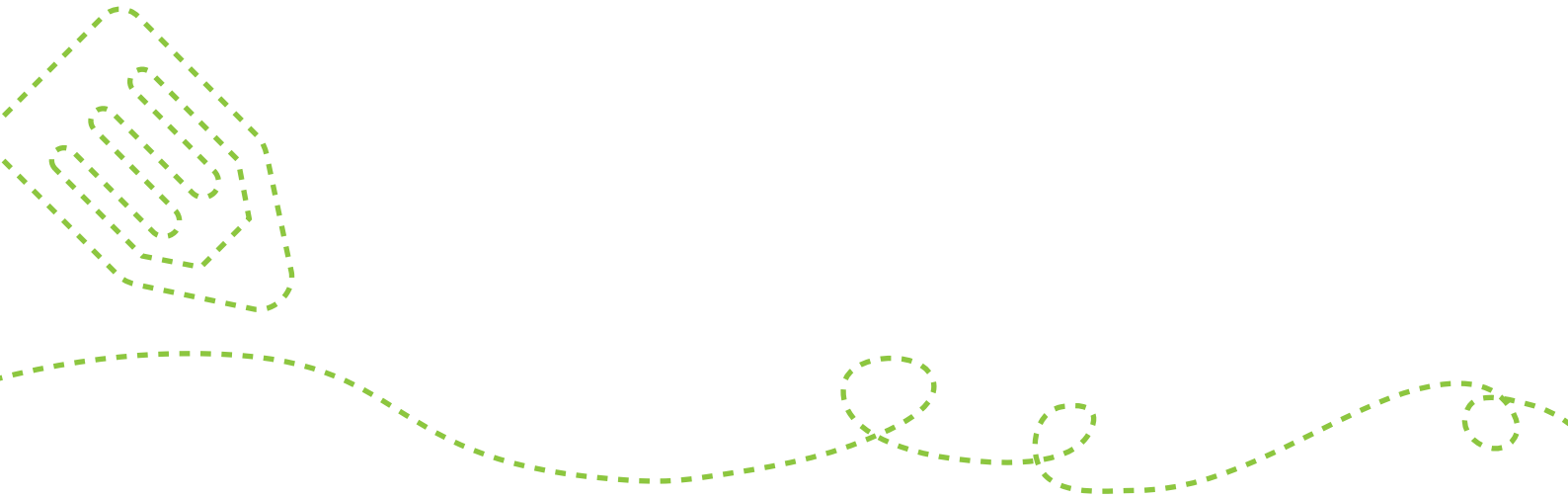
Rotational Symmetry – Medium

Instruction: _____



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Rotational Symmetry – Hard

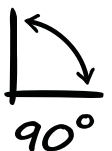
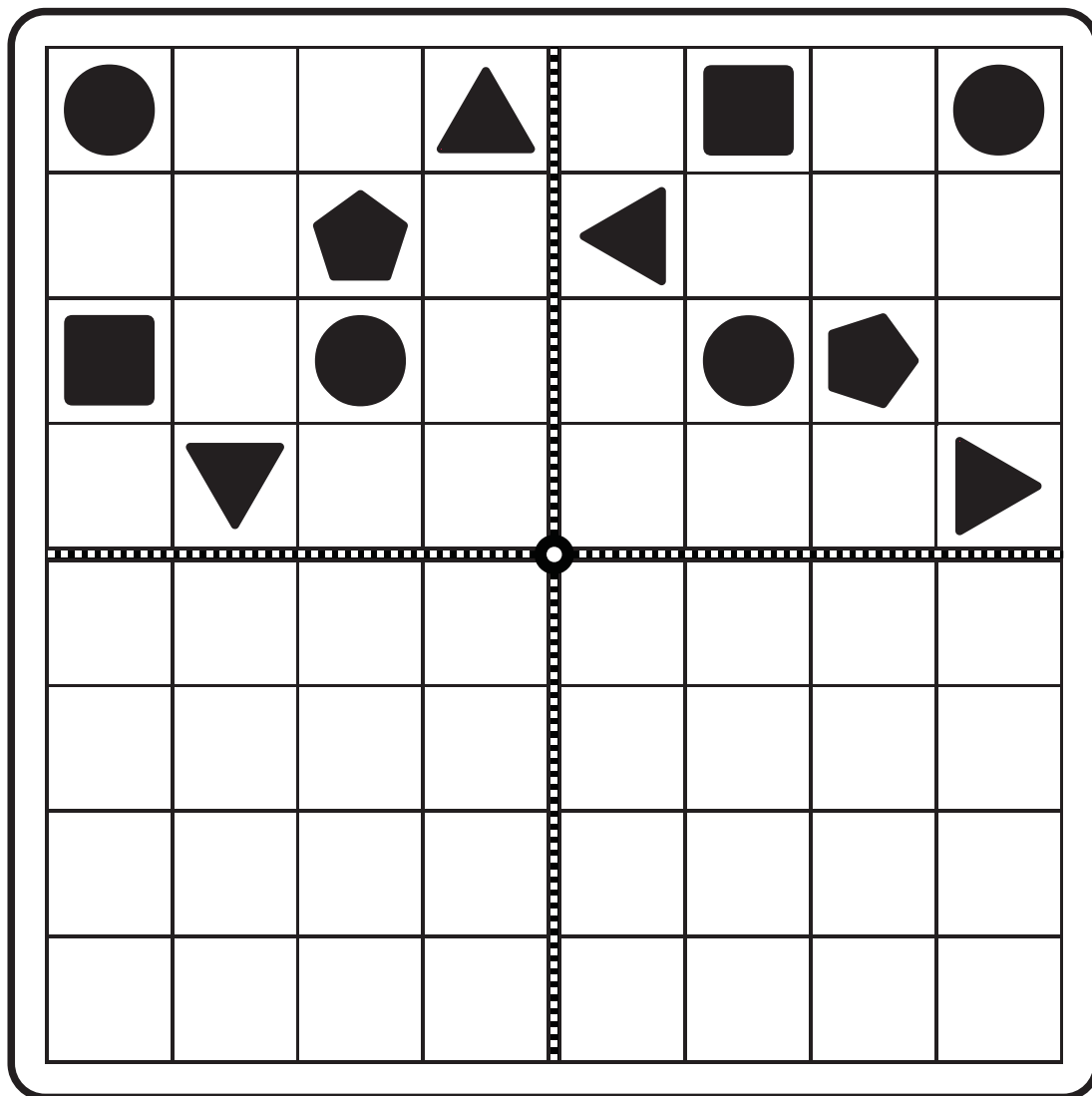


Name: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

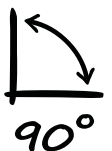
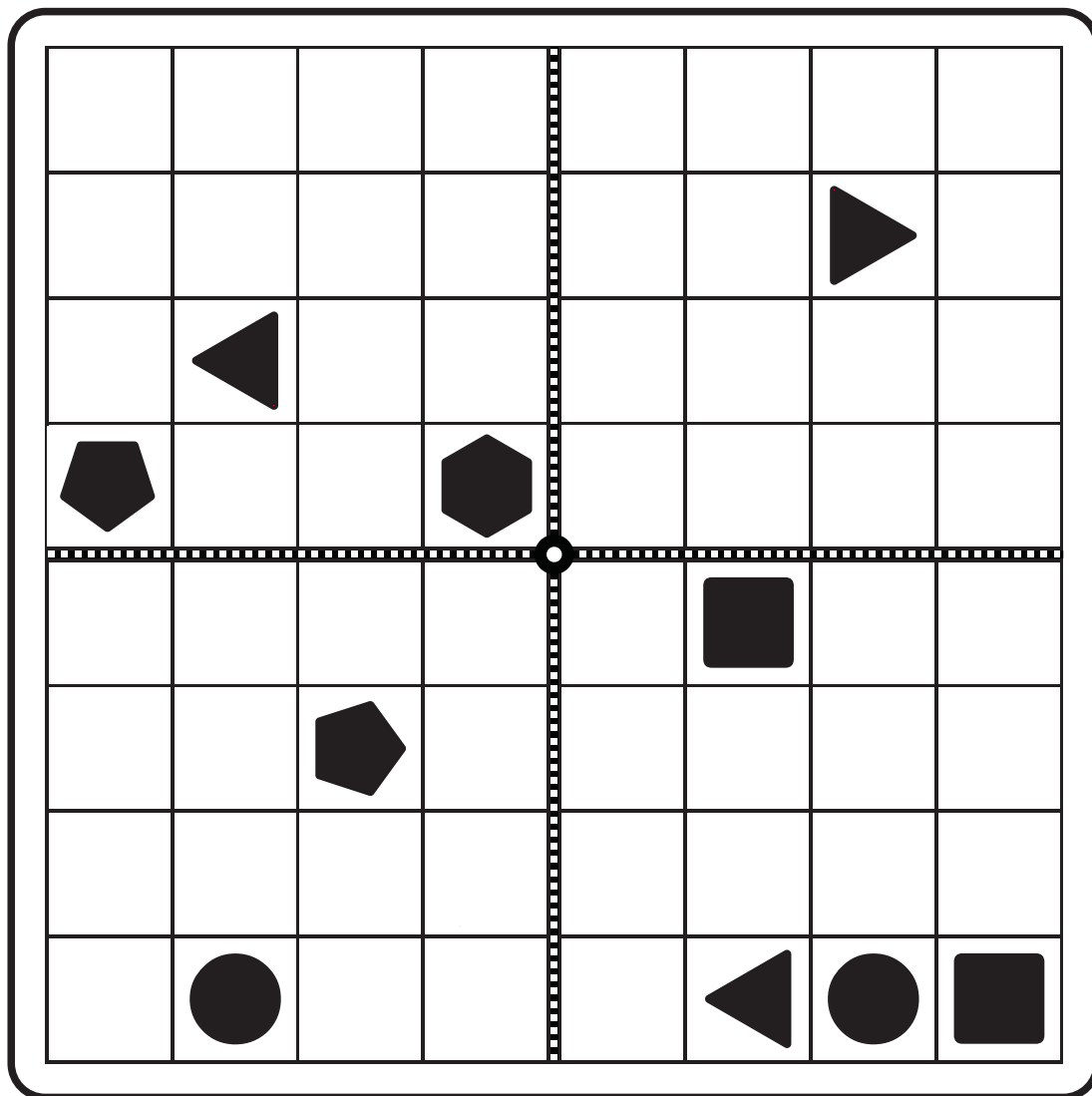


Name: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

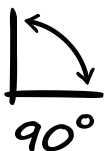
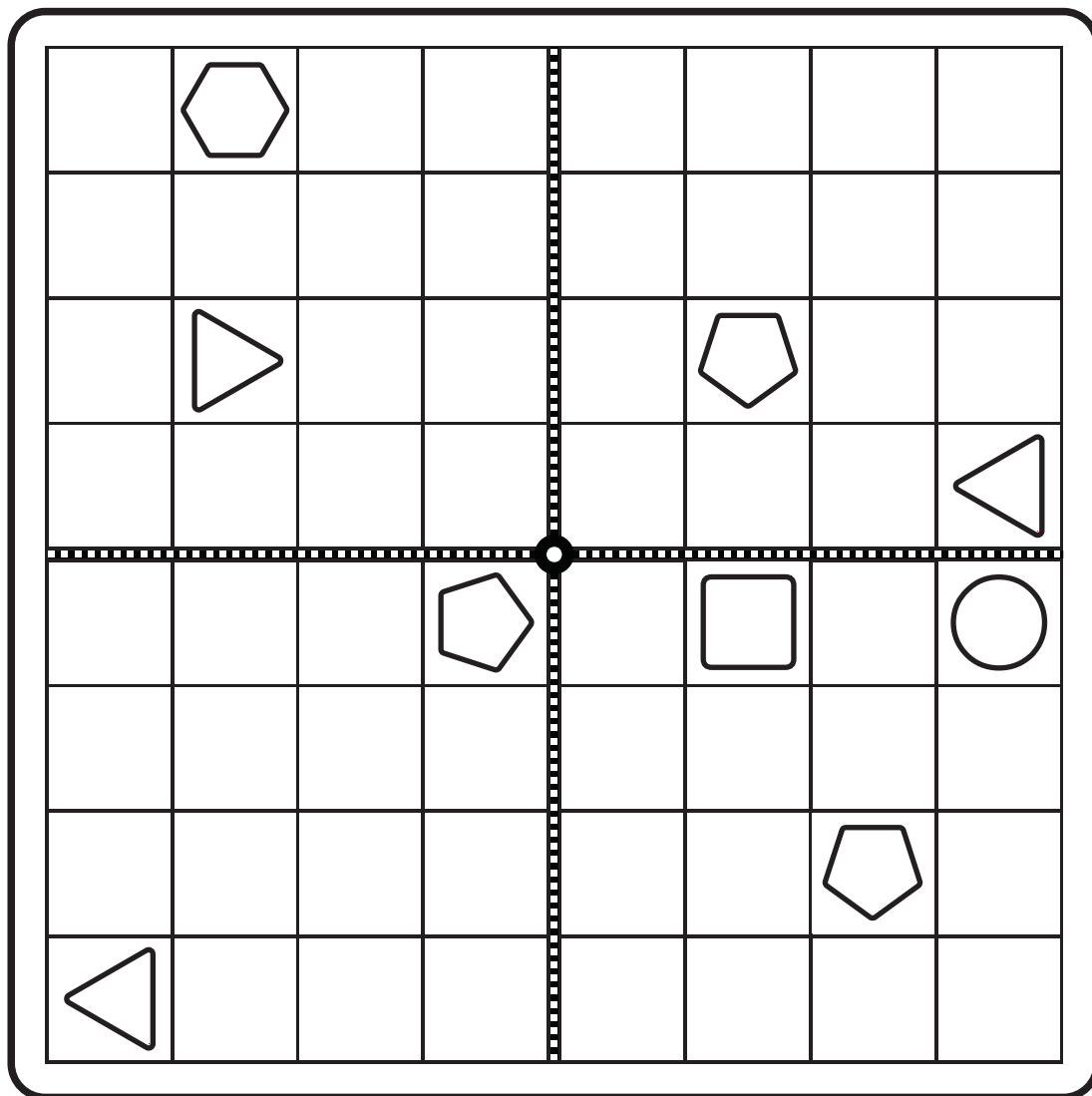


Name: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

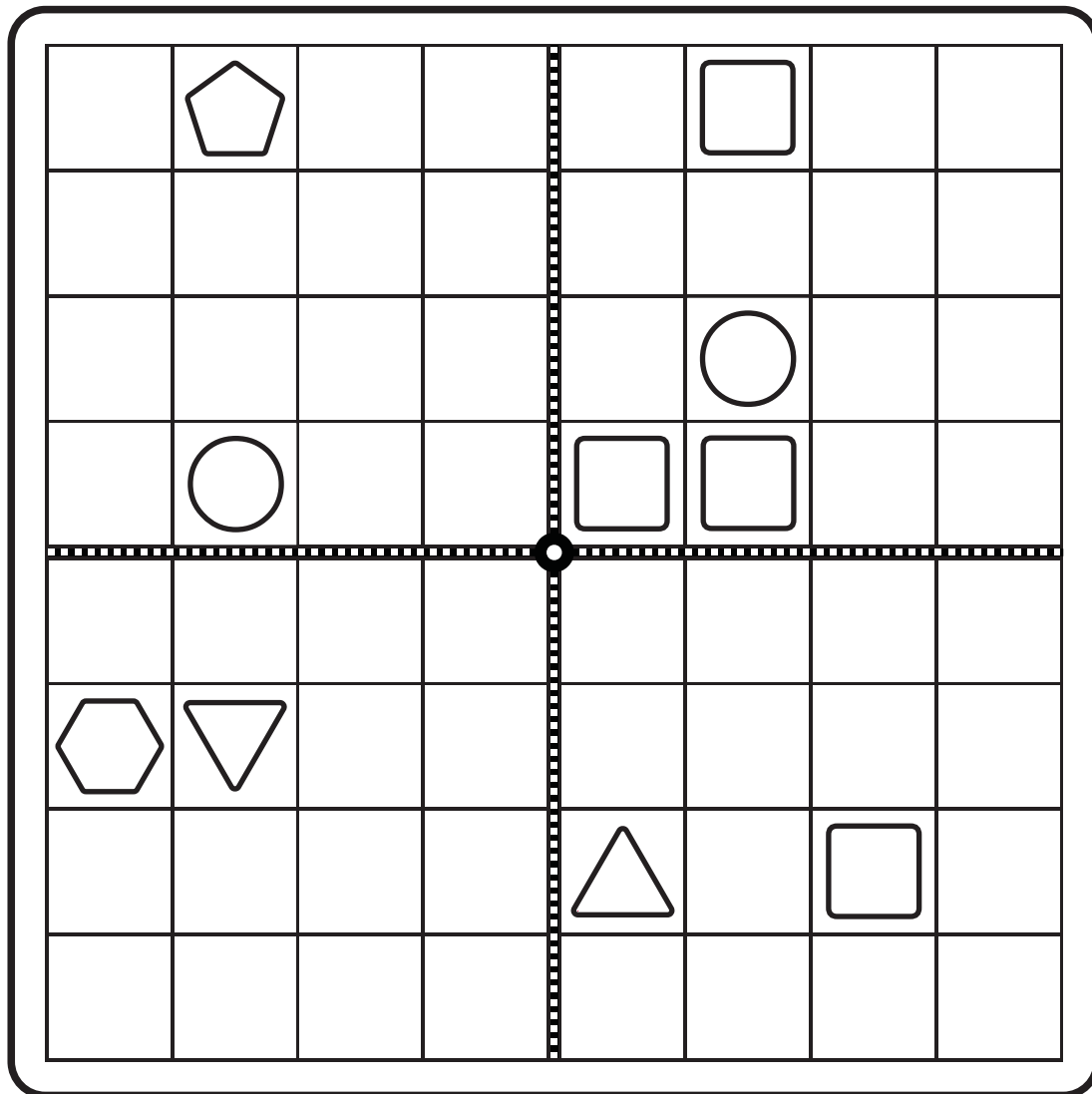


Name: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.

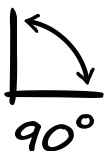
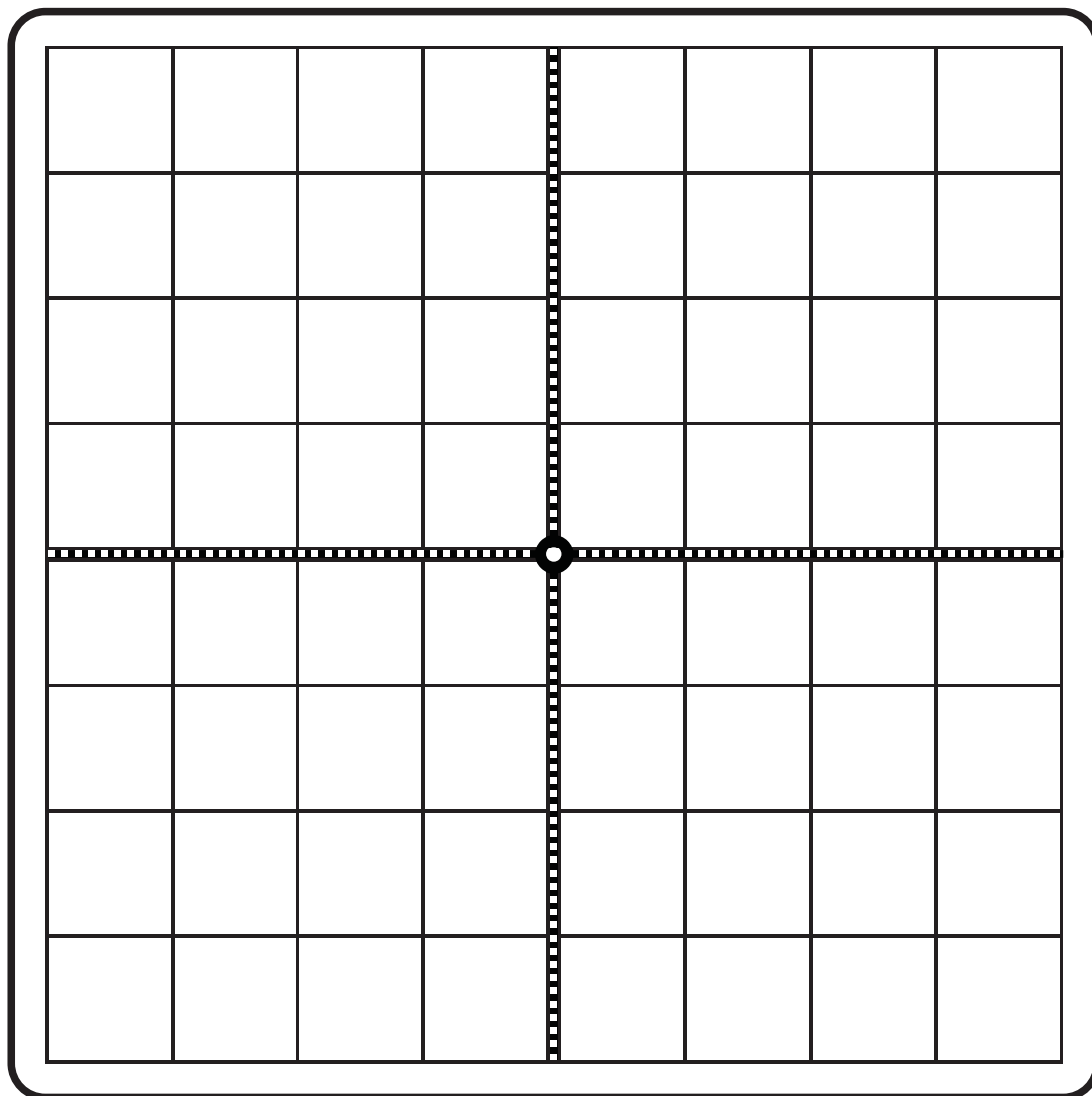


Name: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Class Worksheet

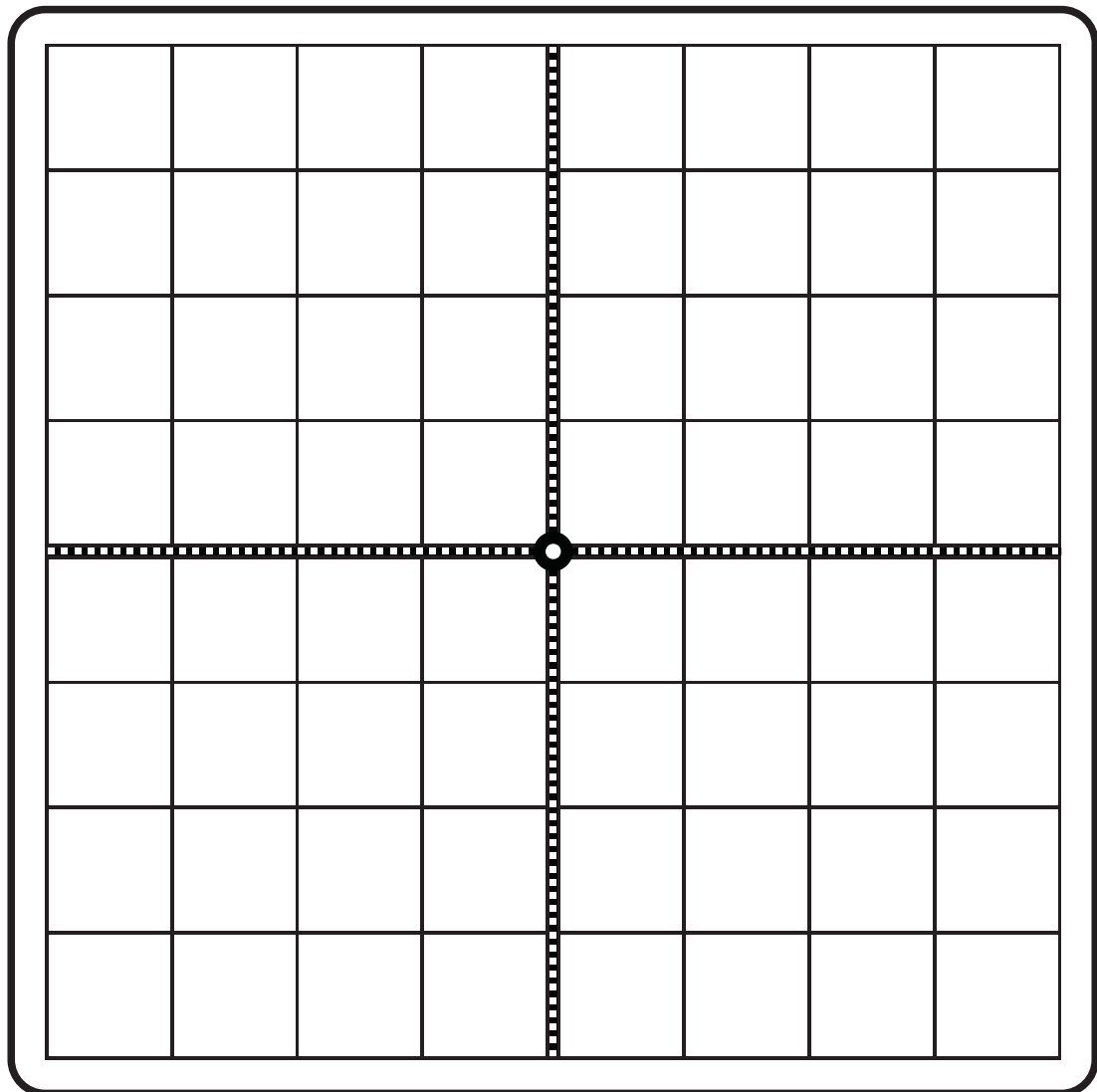
Name: _____

Date: _____

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Rotational Symmetry – Hard

Instruction: _____



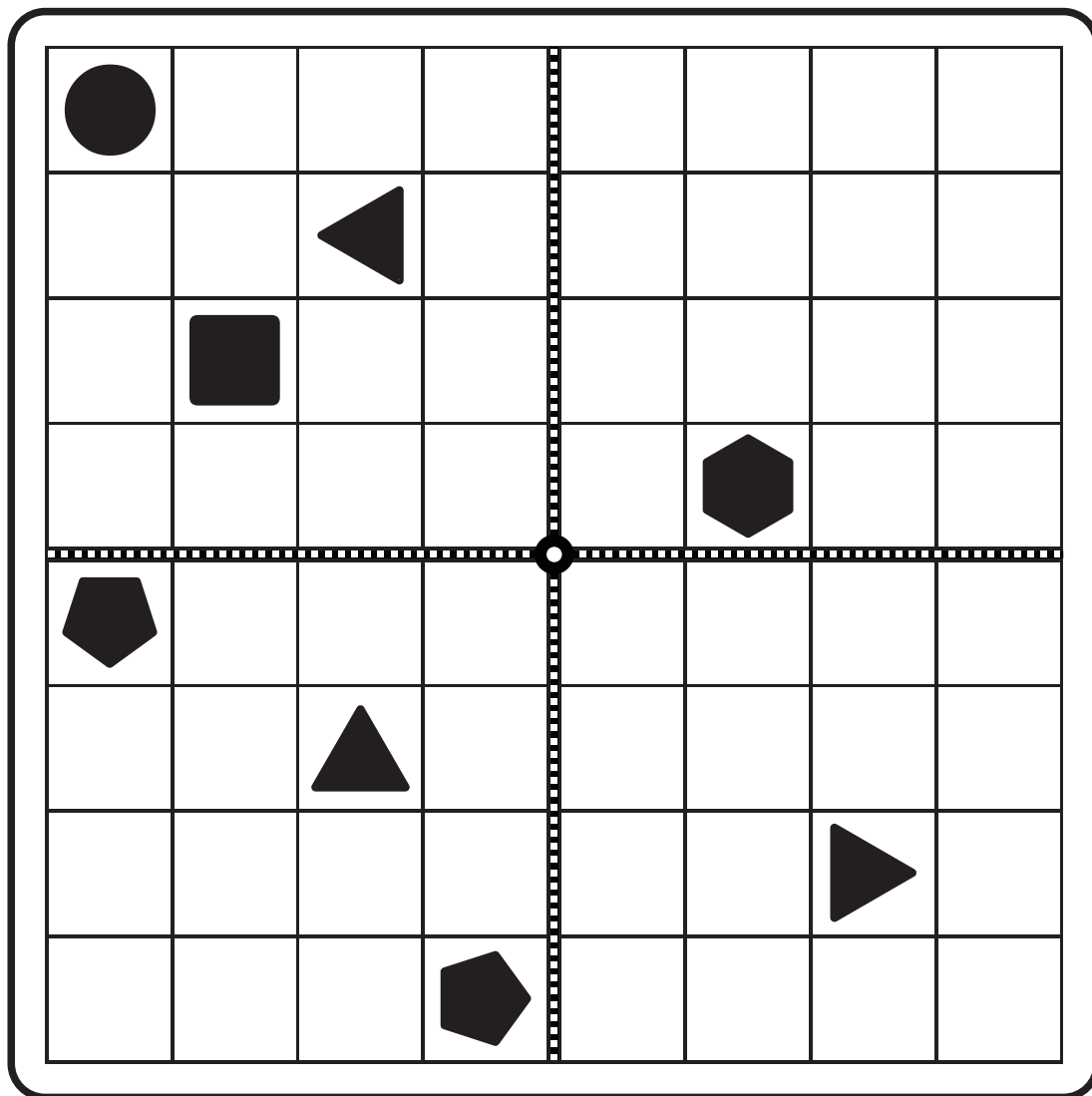
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

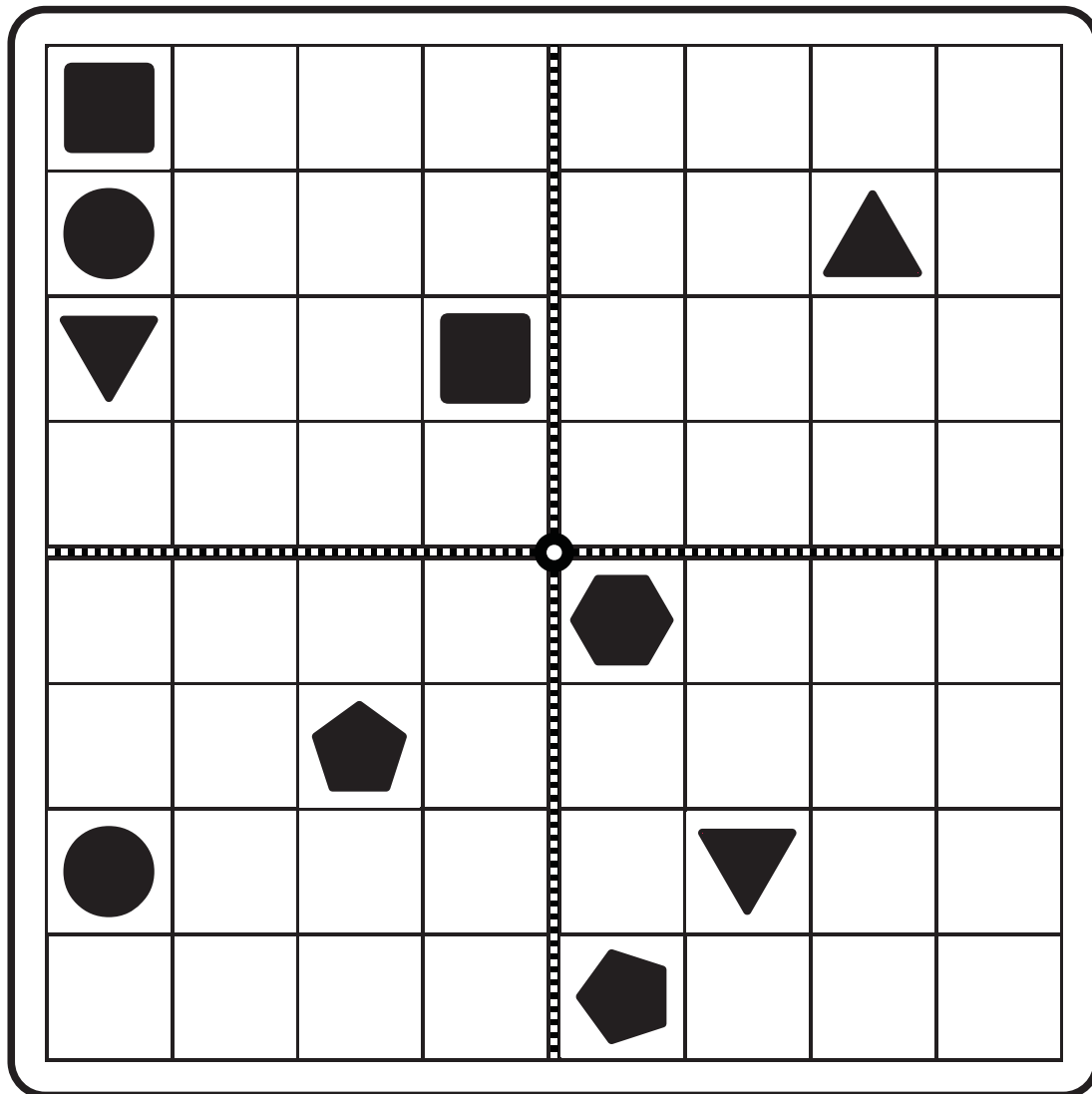
Parent Signature: _____

Date: _____

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SCHOOL**

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

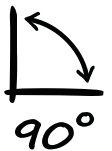
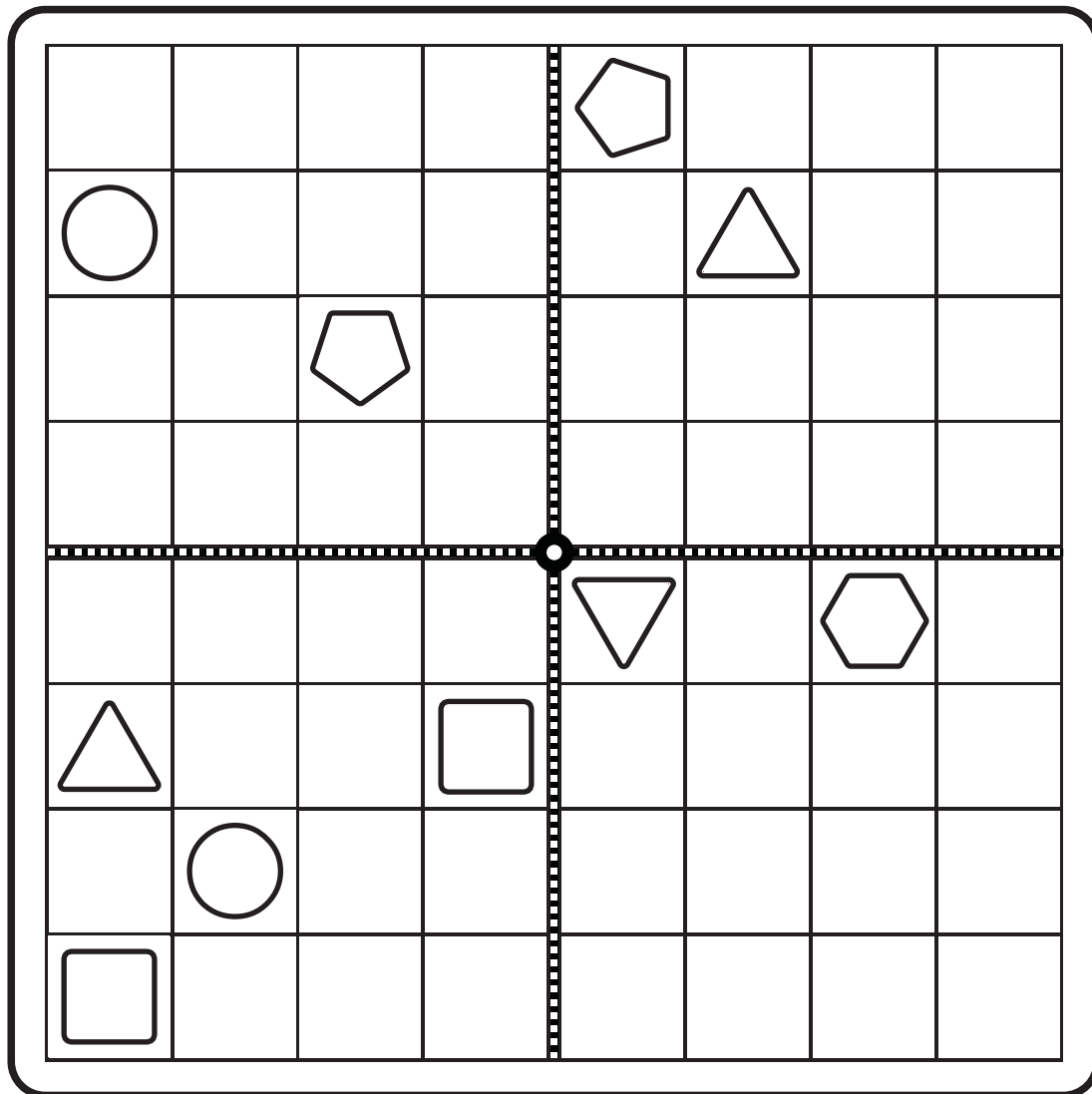
Parent Signature: _____

Date: _____

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Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



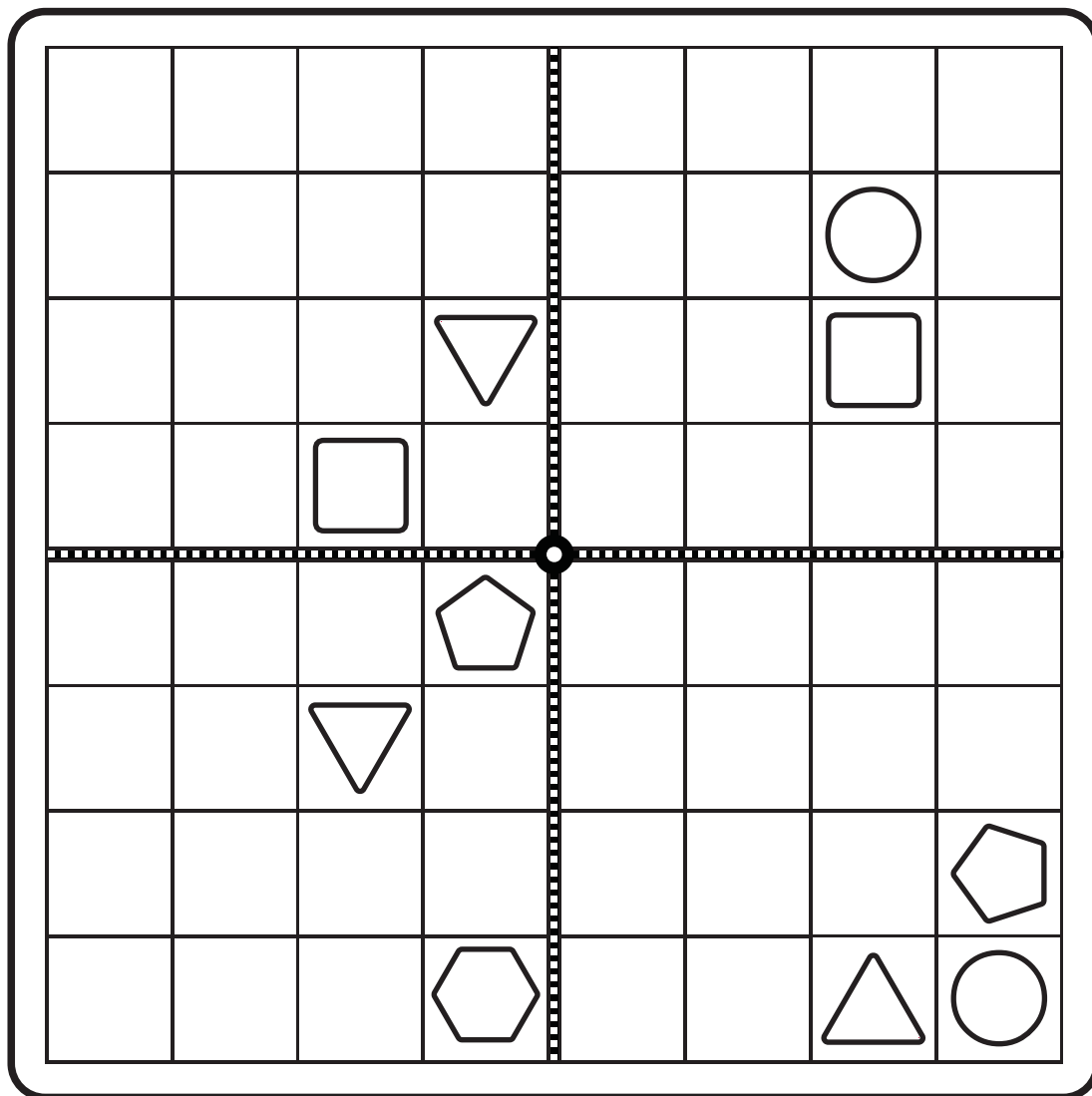
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



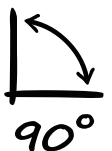
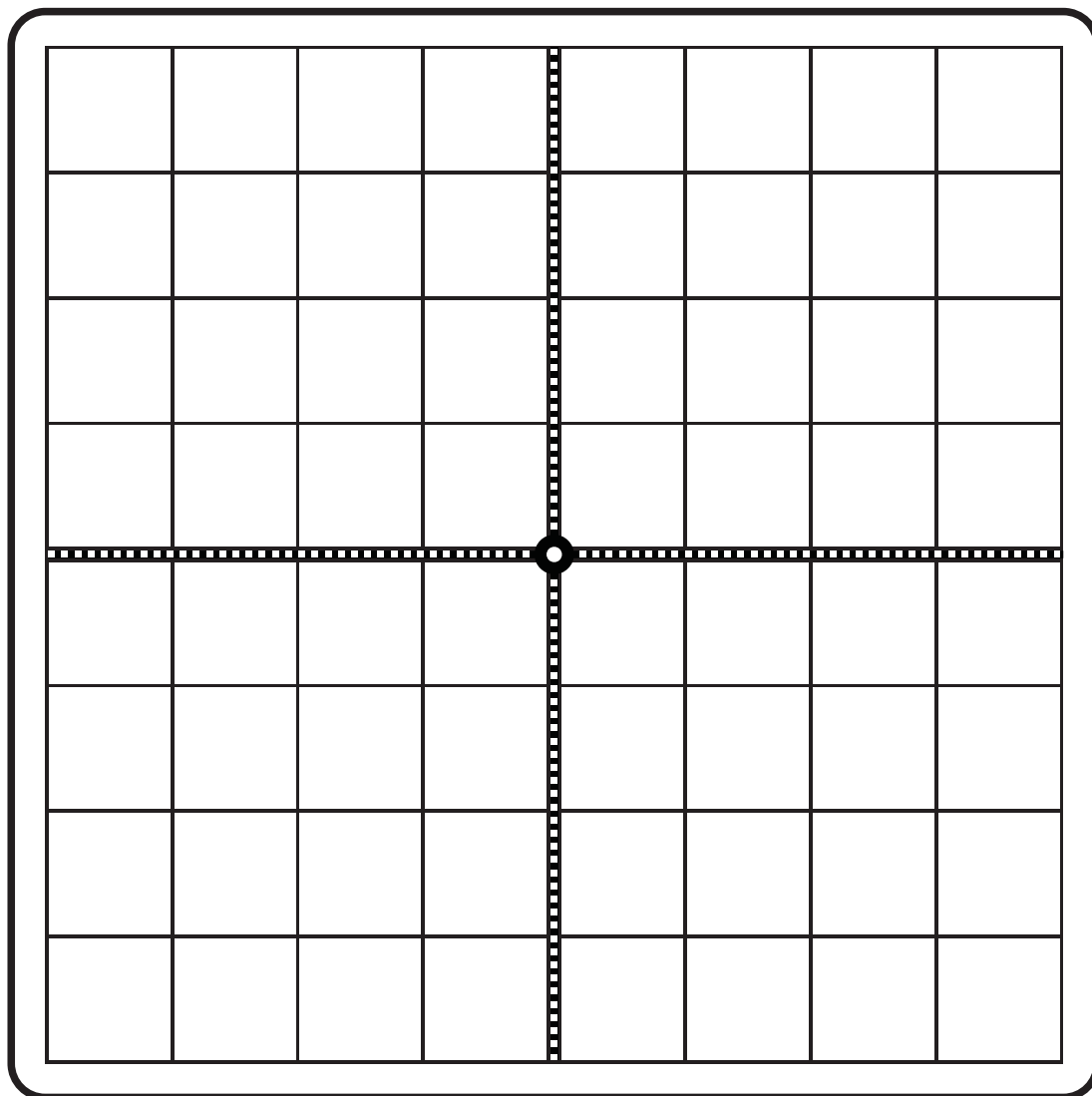
Name: _____

Parent Signature: _____

Date: _____

Rotational Symmetry – Hard

Draw shapes onto the grid to make a pattern that rotates symmetrically around the centre point.



Student Home Worksheet

Name: _____

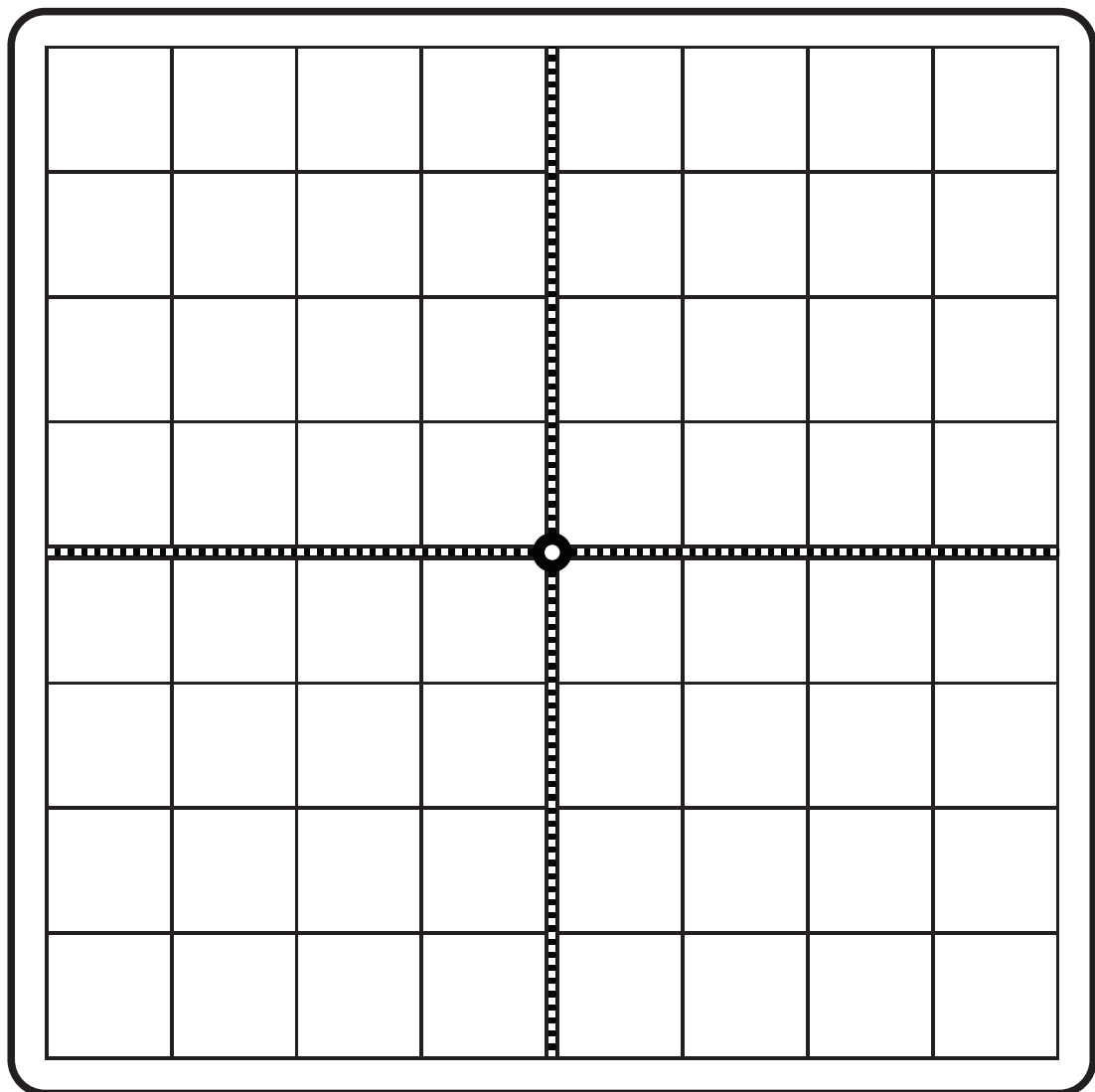
Parent Signature: _____

Date: _____

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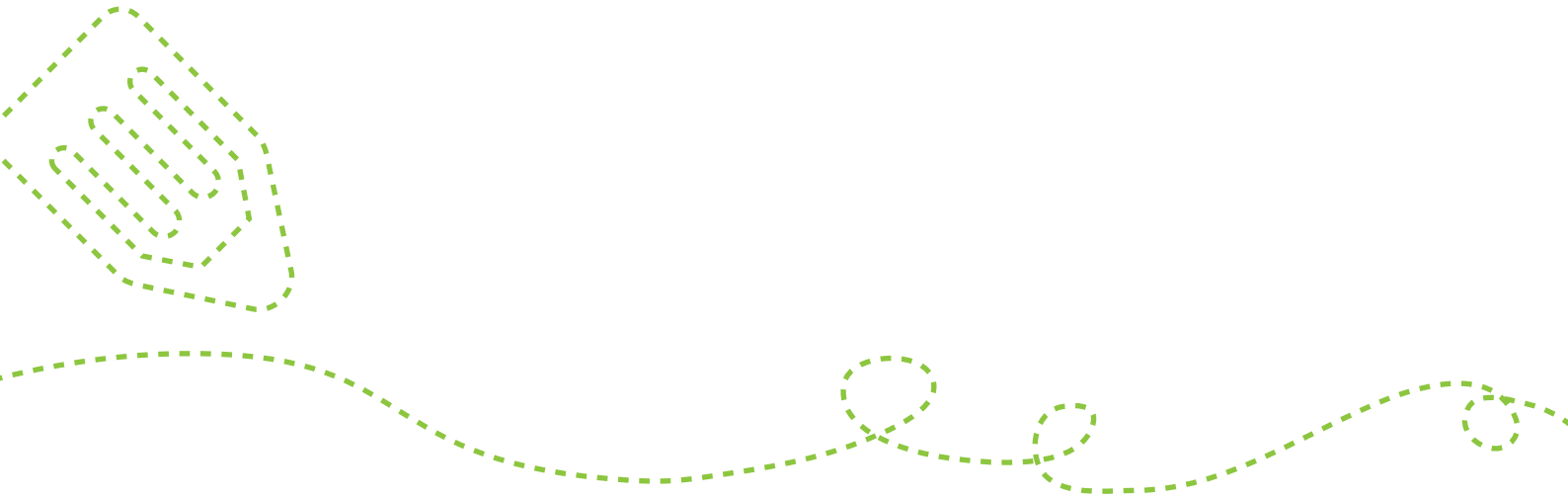
Rotational Symmetry – Hard

Instruction: _____



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Rotational Symmetry – Free Play

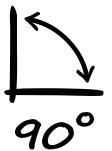
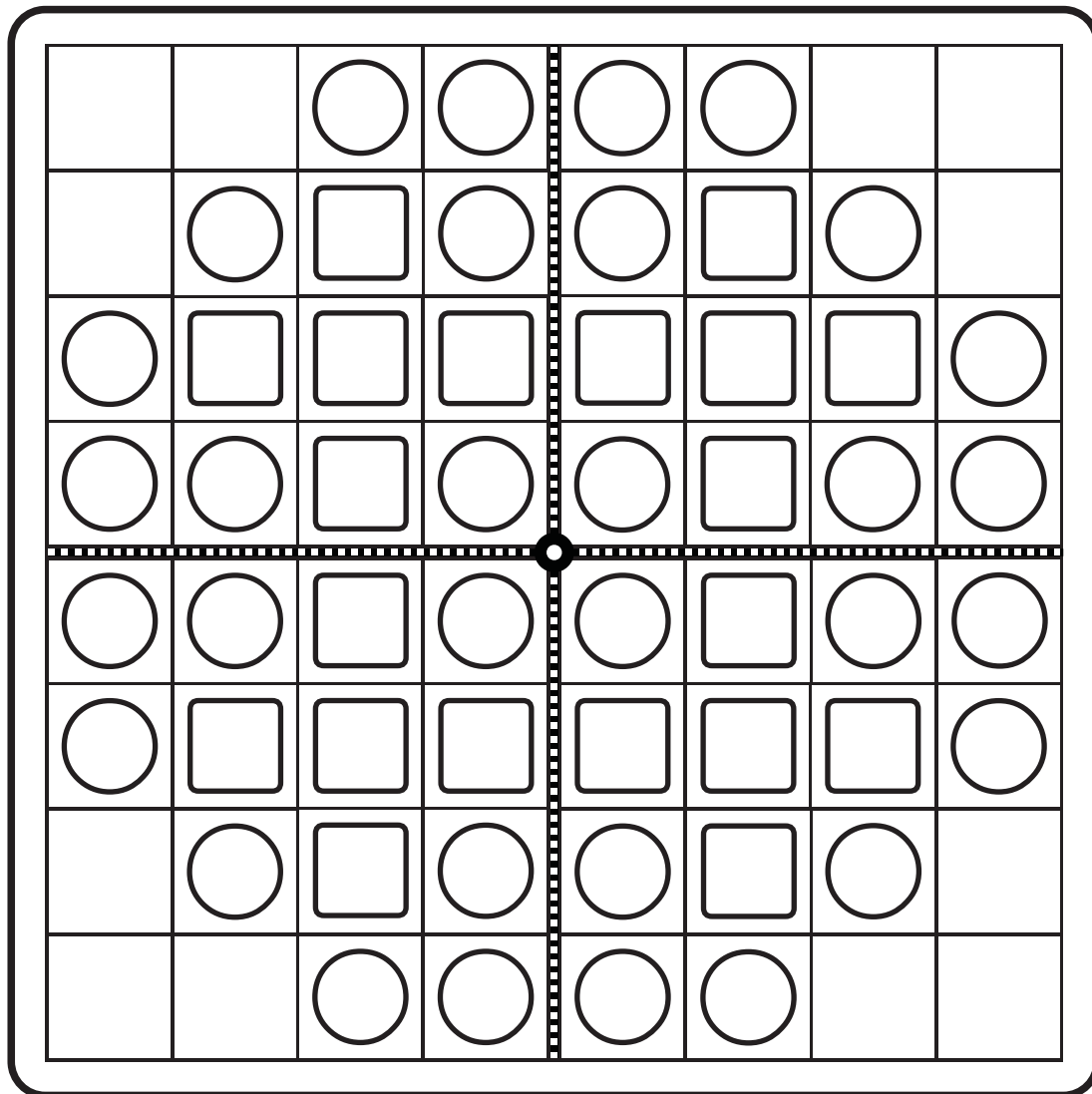


Name: _____

Date: _____

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical picture.

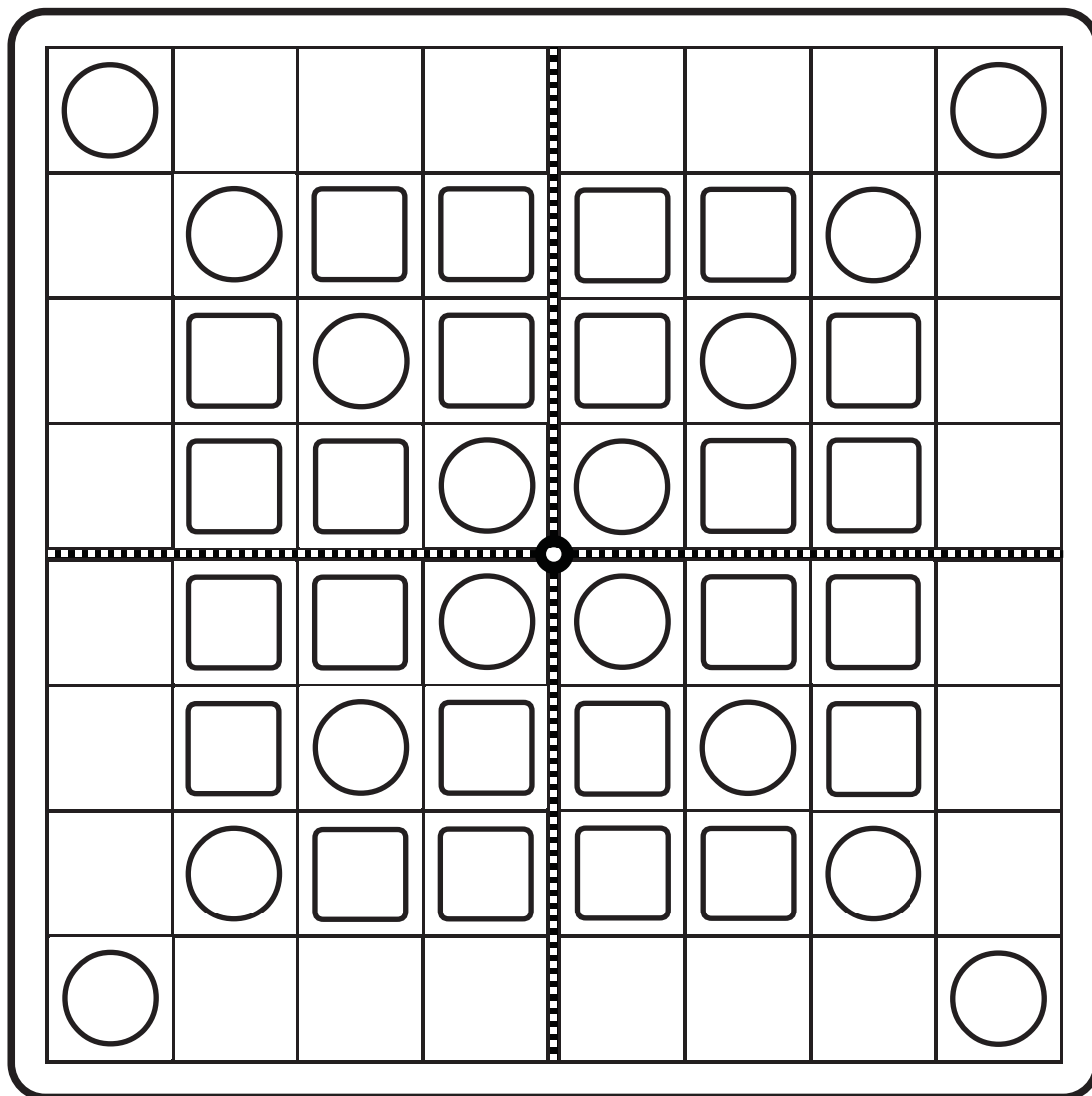


Name: _____

Date: _____

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical picture.

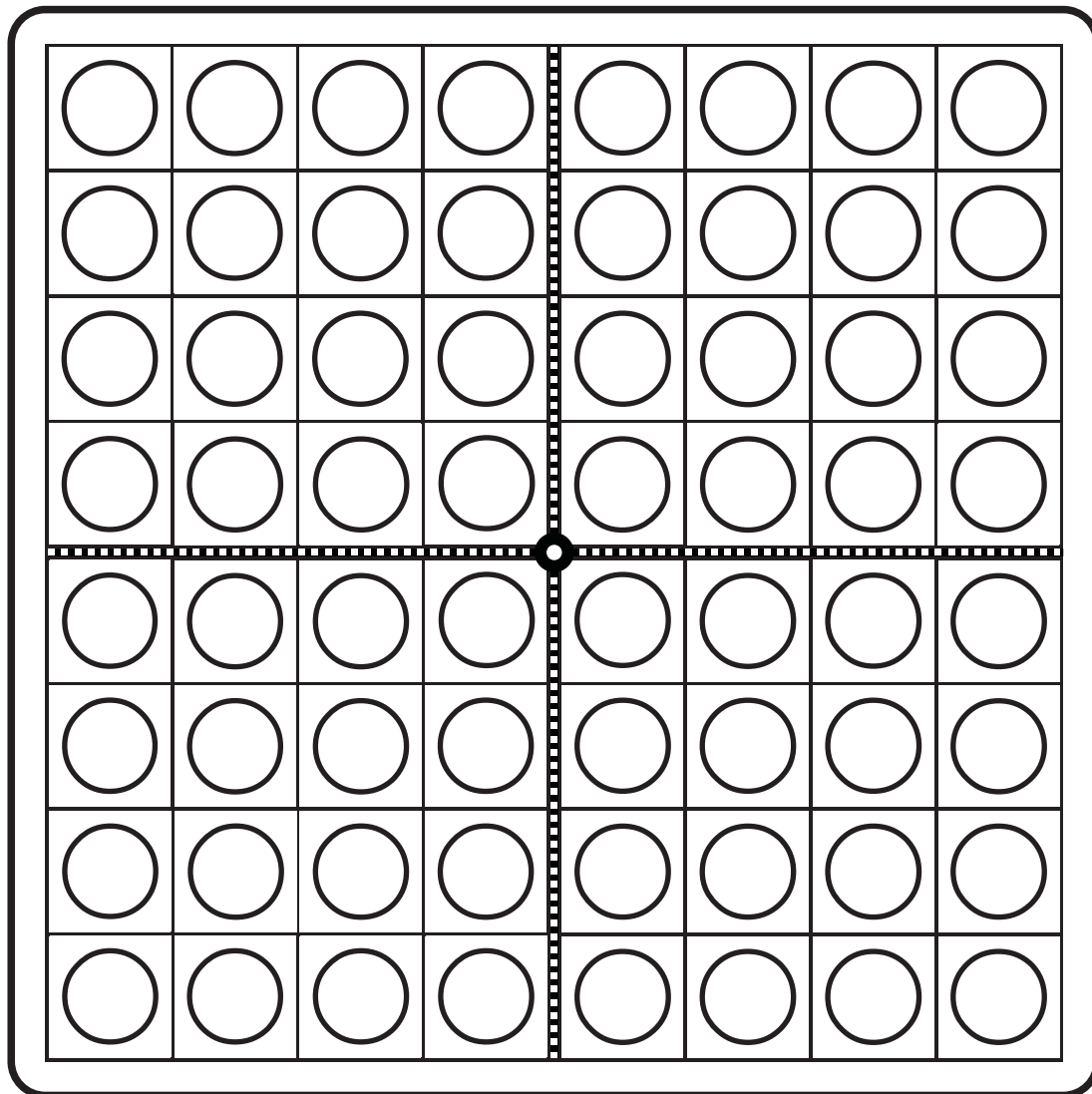


Name: _____

Date: _____

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical pattern or picture.

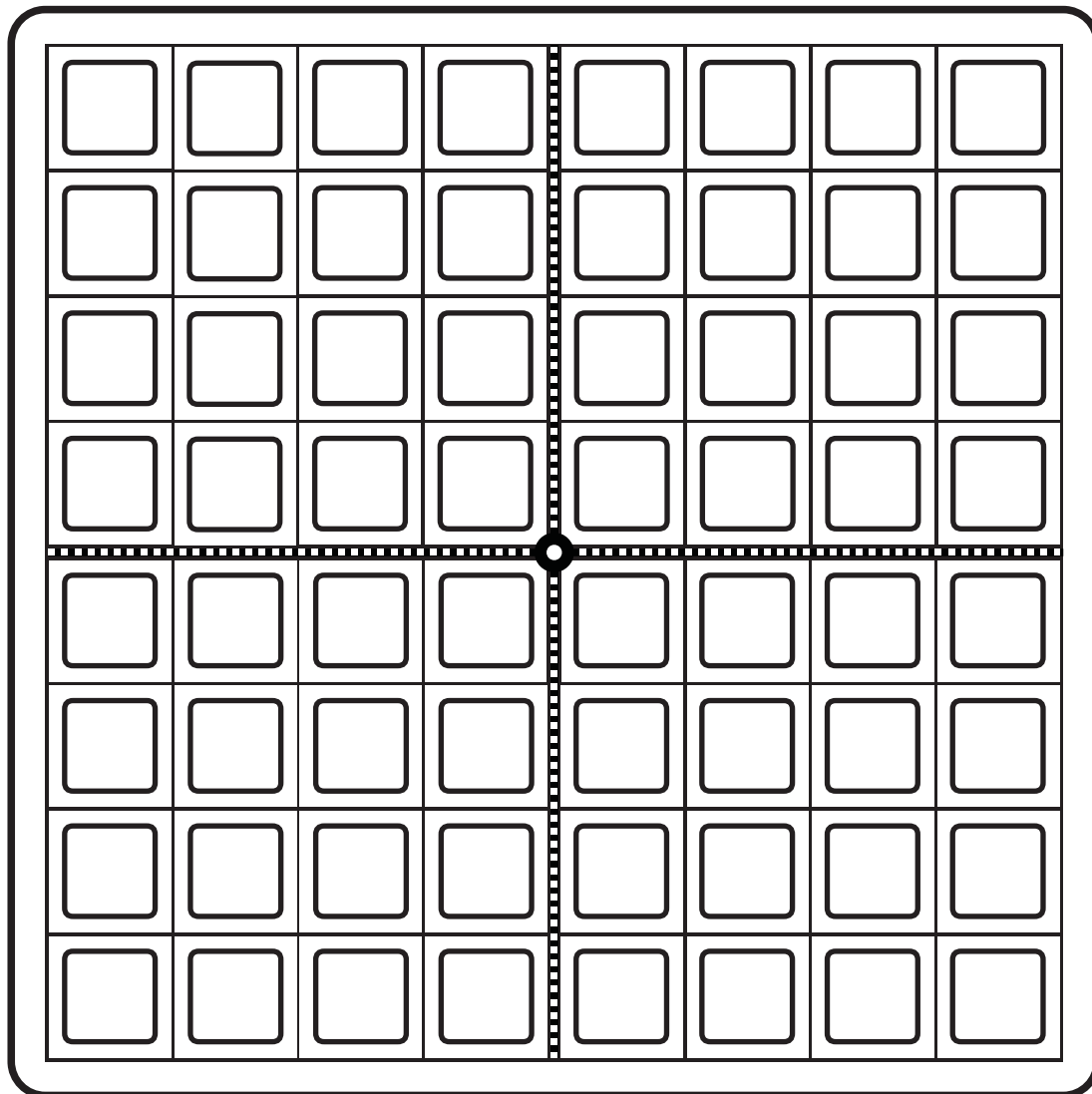


Name: _____

Date: _____

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical pattern or picture.

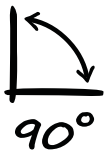
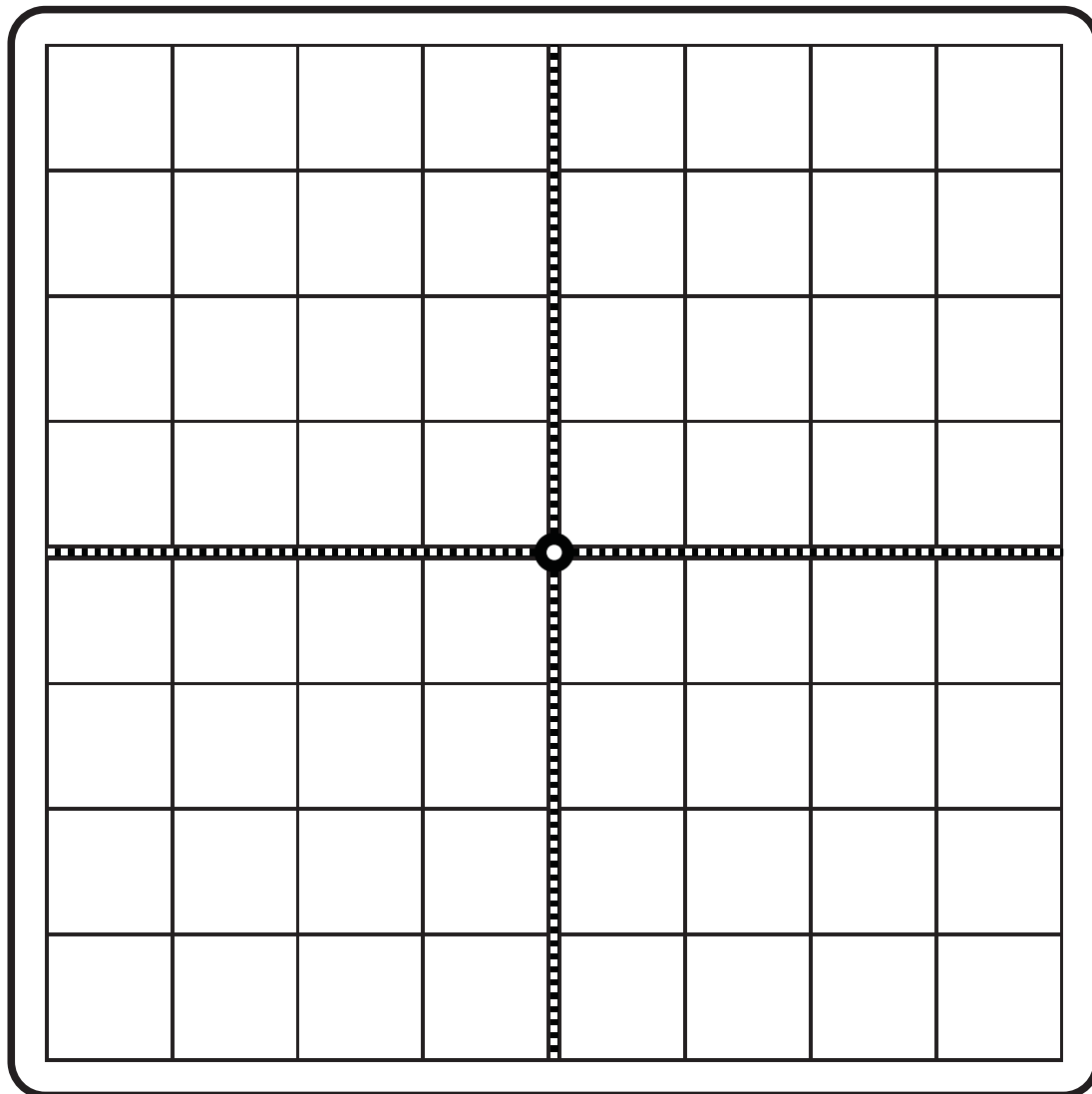


Name: _____

Date: _____

Rotational Symmetry – Free Play

Draw shapes onto the grid to make a symmetrical pattern or picture.



Student Class Worksheet

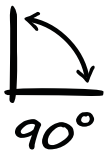
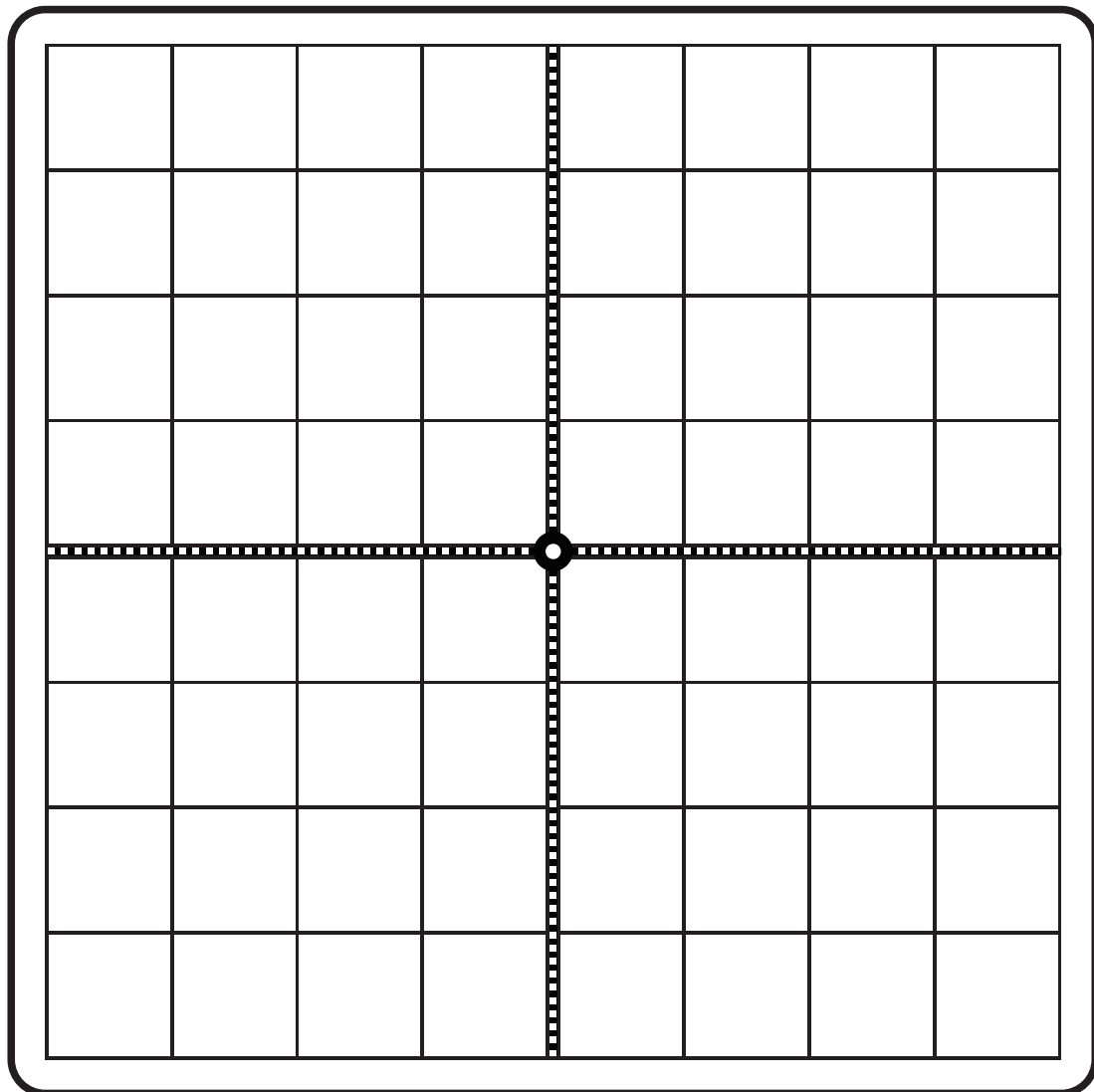
Name: _____

Date: _____

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SCHOOL**

Rotational Symmetry – Free Play

Instruction: _____



Student Home Worksheet

Name: _____

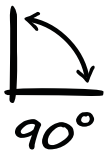
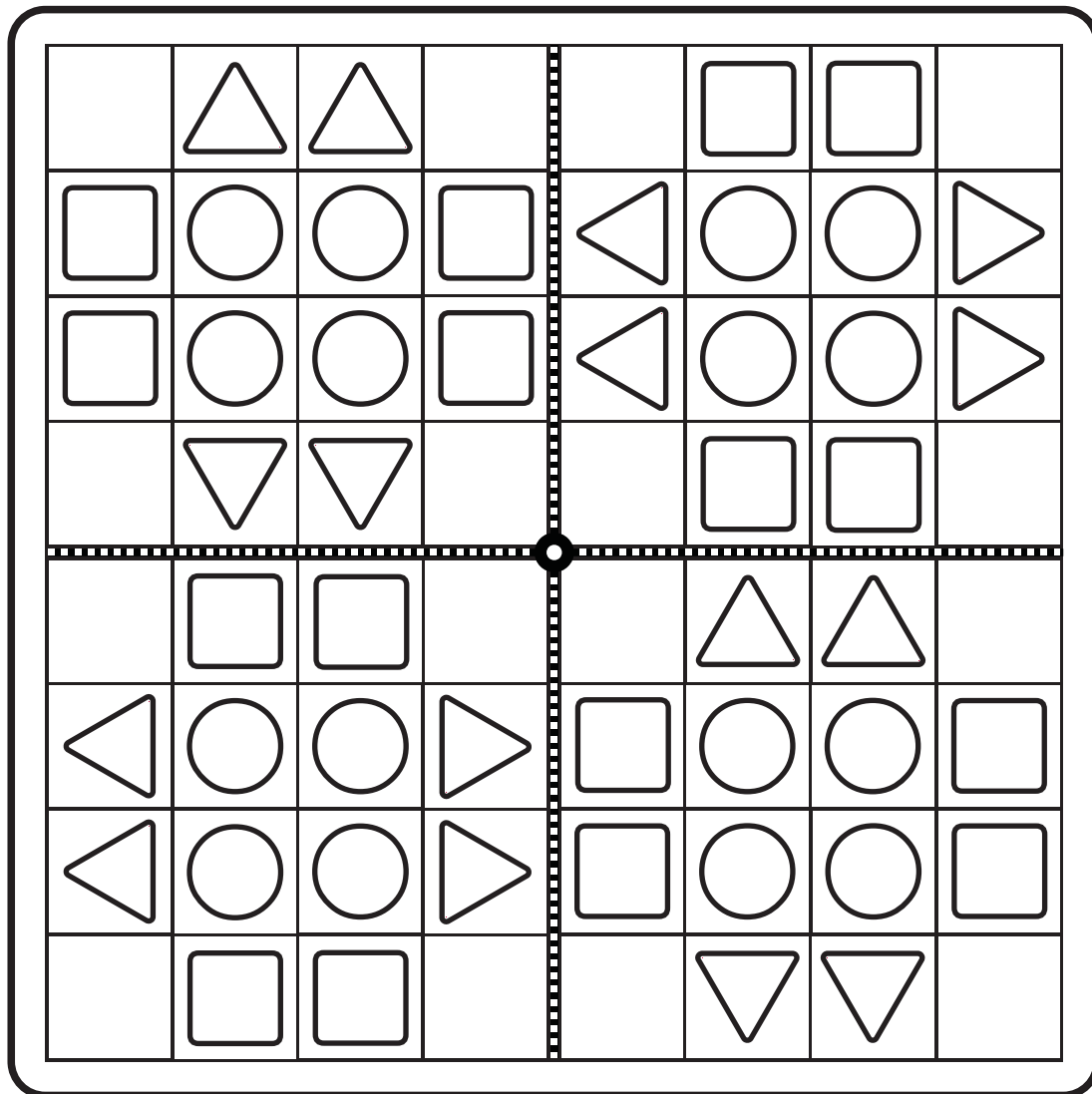
Parent Signature: _____

Date: _____

Have fun and learn with
**SYMMETRY
SCHOOL**

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical picture.



Student Home Worksheet

Name: _____

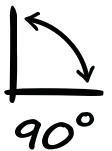
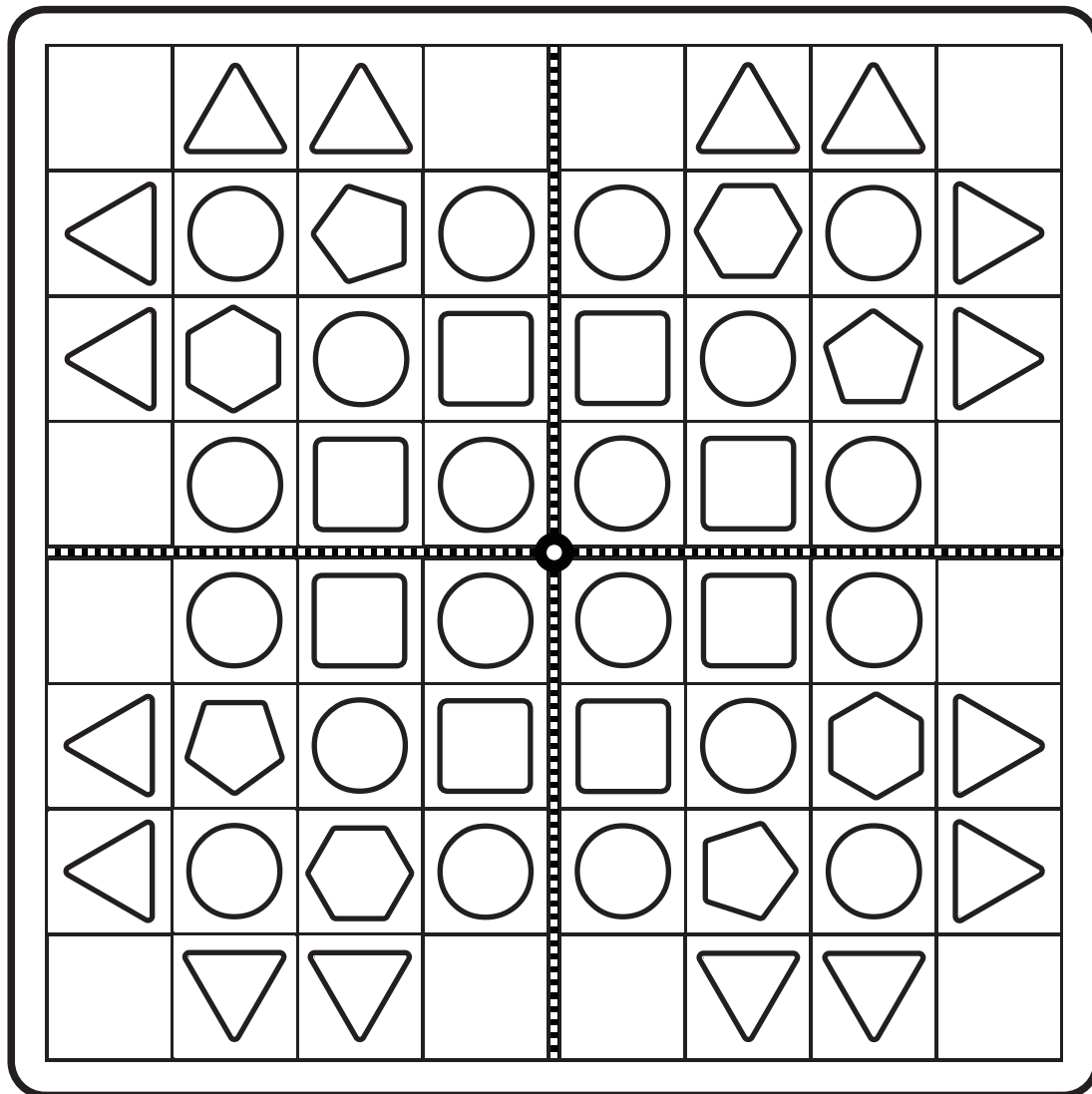
Parent Signature: _____

Date: _____

Have fun and learn with
**SYMMETRY
SCHOOL**

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical picture.



Student Home Worksheet

Name: _____

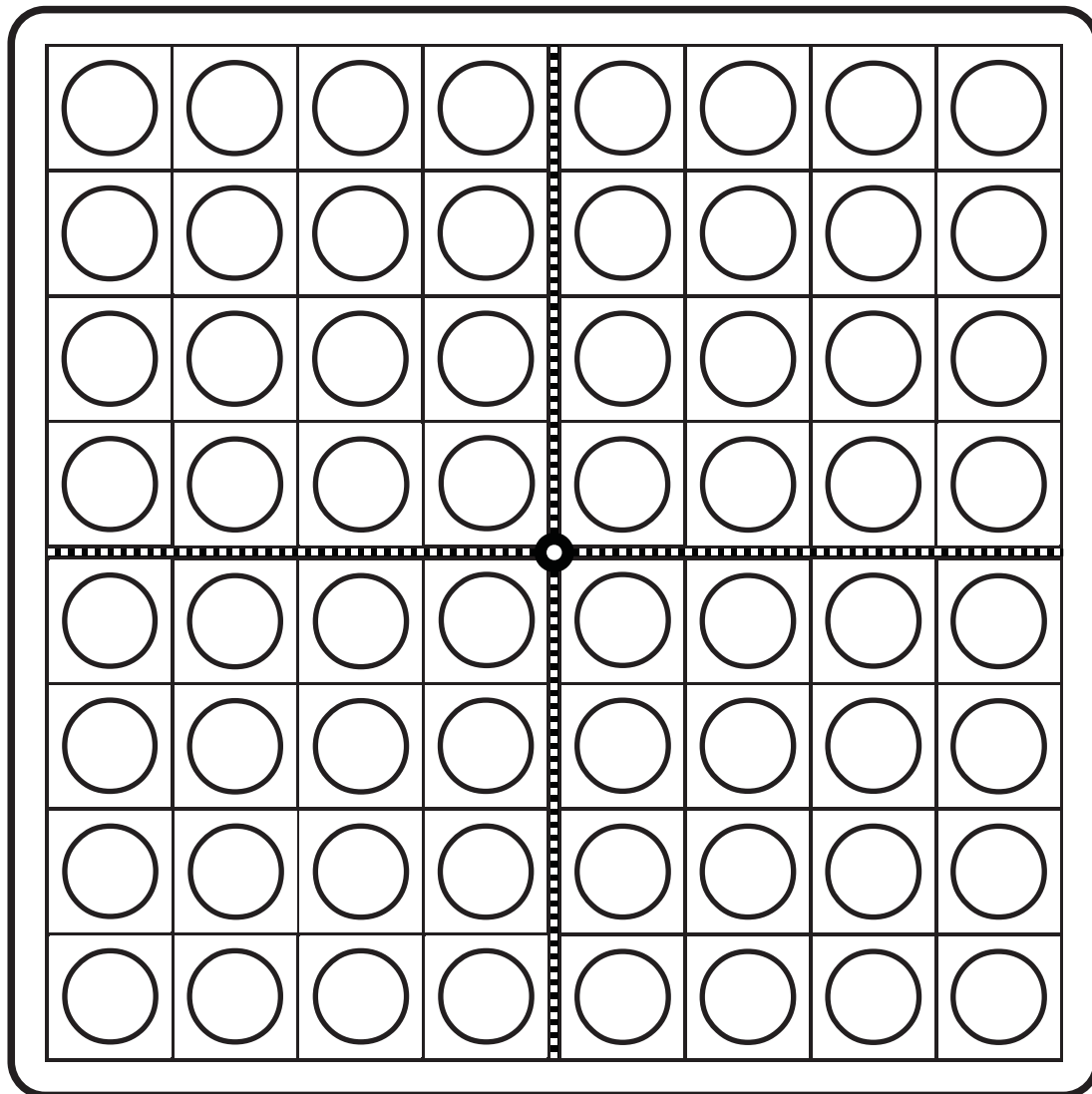
Parent Signature: _____

Date: _____

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**SYMMETRY
SCHOOL**

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical pattern or picture.



Student Home Worksheet

Name: _____

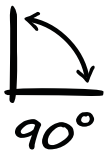
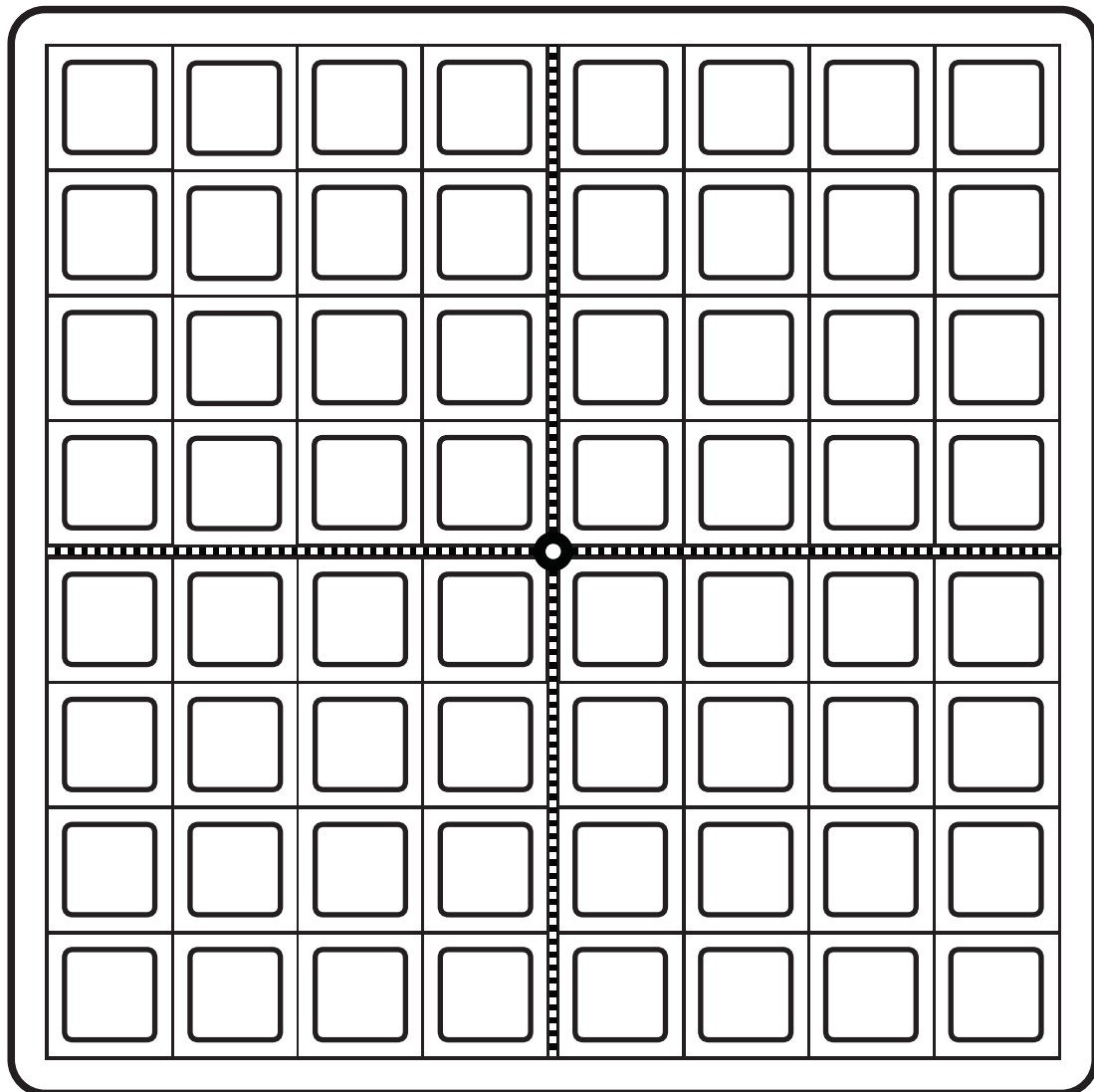
Parent Signature: _____

Date: _____

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SCHOOL**

Rotational Symmetry – Free Play

Colour the shapes to make a symmetrical pattern or picture.



Student Home Worksheet

Name: _____

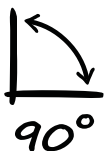
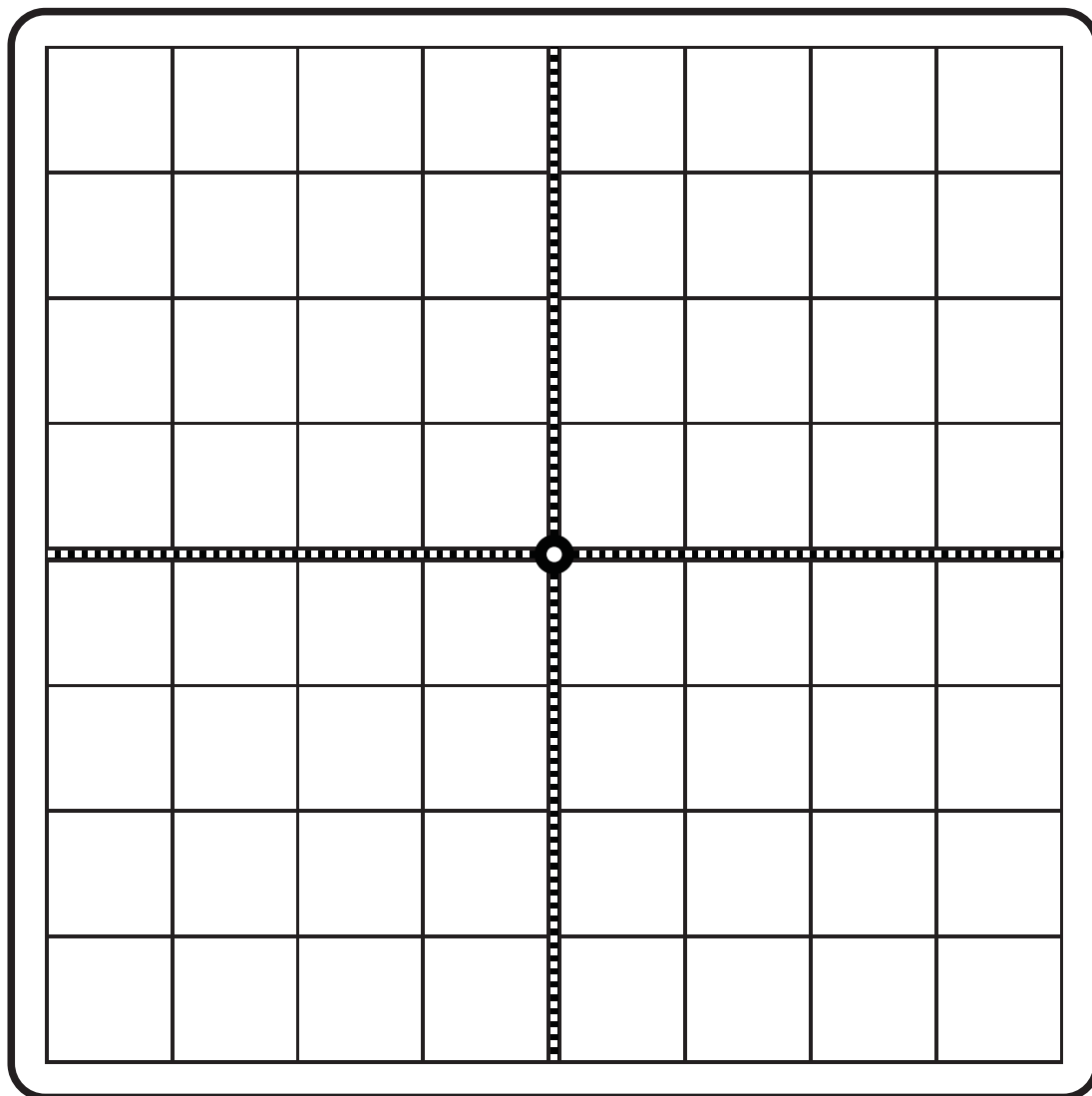
Parent Signature: _____

Date: _____

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Rotational Symmetry – Free Play

Draw shapes onto the grid to make a symmetrical pattern or picture.



Student Home Worksheet

Name: _____

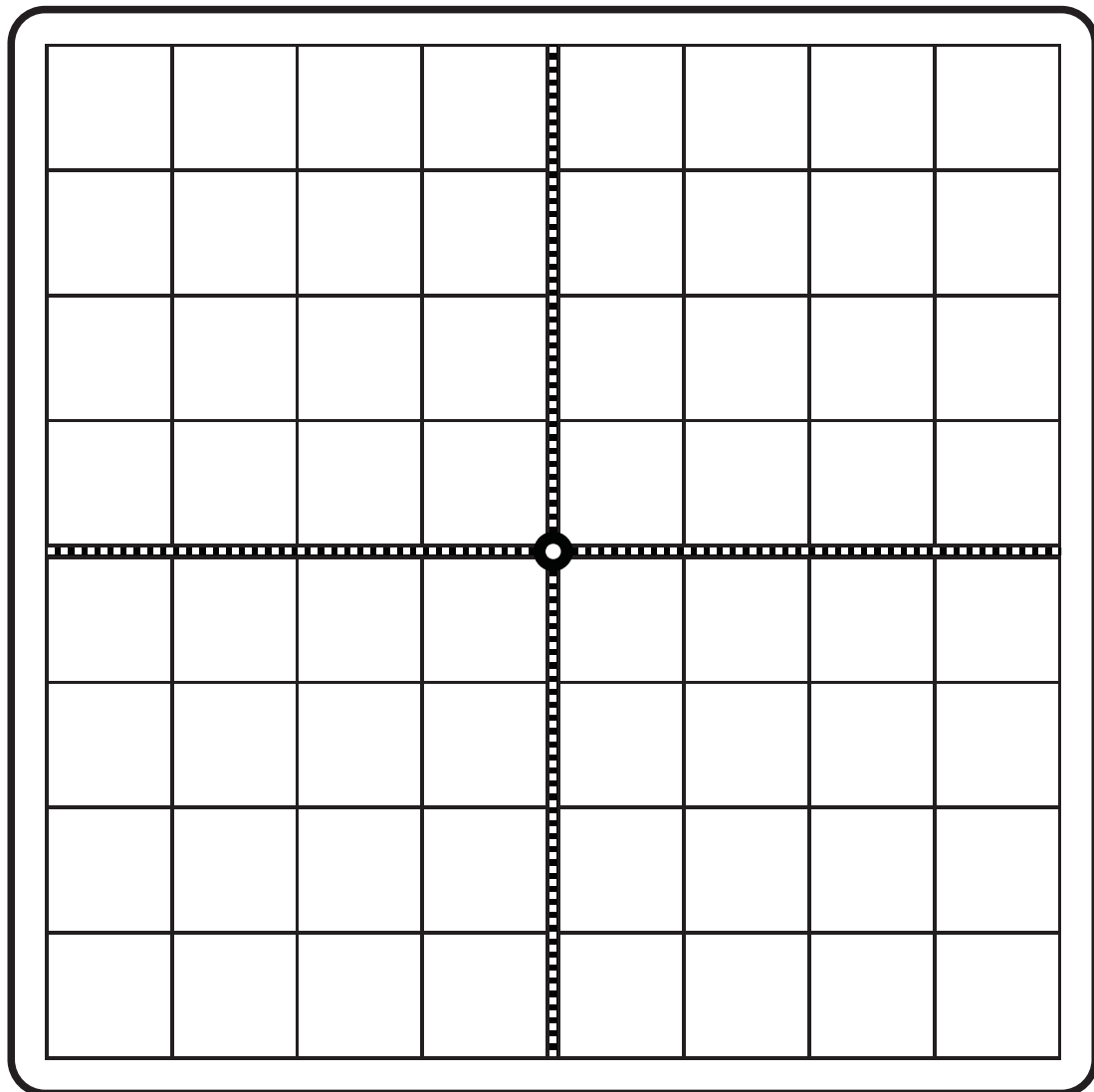
Parent Signature: _____

Date: _____

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Rotational Symmetry – Free Play

Instruction: _____



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Designed for students of all abilities, Symmetry School is a captivating, brain-twisting iPad app that allows children to learn through play, exploring hard-to-grasp concepts of symmetry on their own terms and at their own pace.

theguardian

'50 Best Apps for Kids from 2013
that Parents can Trust'



Learn more at: www.spraoischool.com





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