

# Maths Symmetry Post Test-Year 4

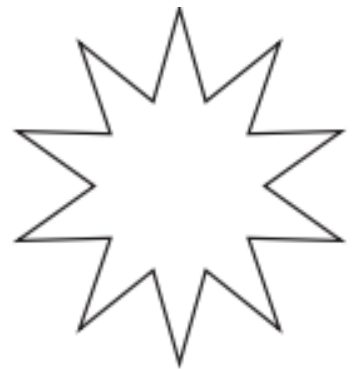
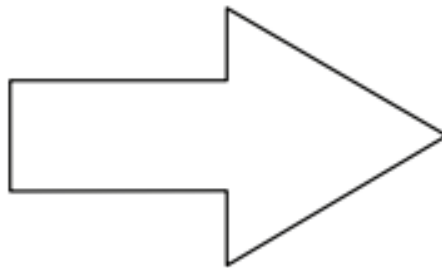
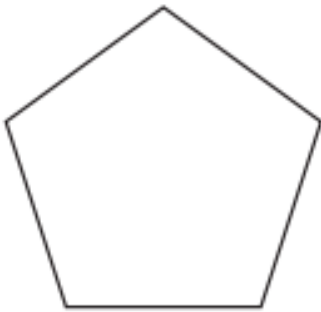
Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location and Transformation	Creates and describes symmetrical patterns, pictures and shapes that have multiple lines of symmetry without digital technologies in authentic contexts.	Creates symmetrical patterns, pictures and shapes that have multiple lines of symmetry without digital technologies.	Creates symmetrical patterns, pictures and shapes without digital technologies.	With assistance, creates symmetrical patterns, pictures and shapes without digital technologies.	With one-on-one assistance, creates symmetrical patterns, pictures and shapes without digital technologies.
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Question 1)

Draw a line through each shape that shows a horizontal or vertical line of symmetry.

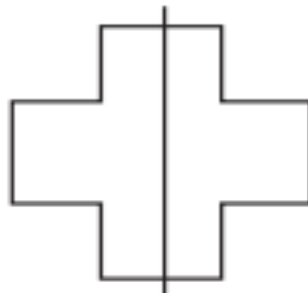


Question 2a)

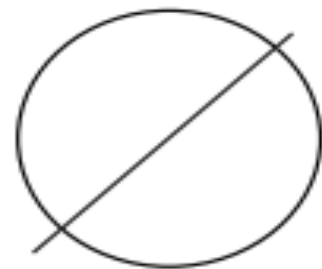
Does the line through the shape show symmetry? Yes or No?



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

Question 2b)

The line through the heart shape **does/does not** show symmetry because: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Question 3)

Below is an unfinished symmetrical design; your job is to complete it!

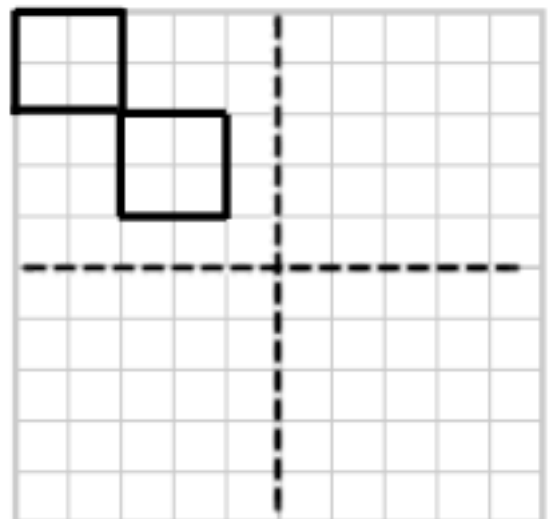
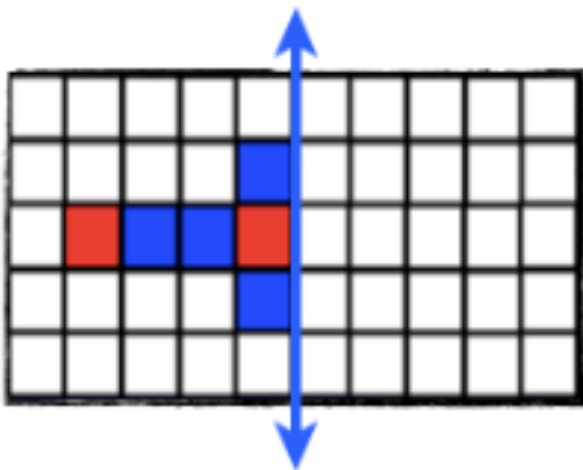
To accurately complete the design, you must use a horizontal line, a vertical line and two oblique lines. You need to decide where your line of symmetry will be.

\*\*\*Hint\*\*\* pretend the line is a mirror- what will the reflection look like?



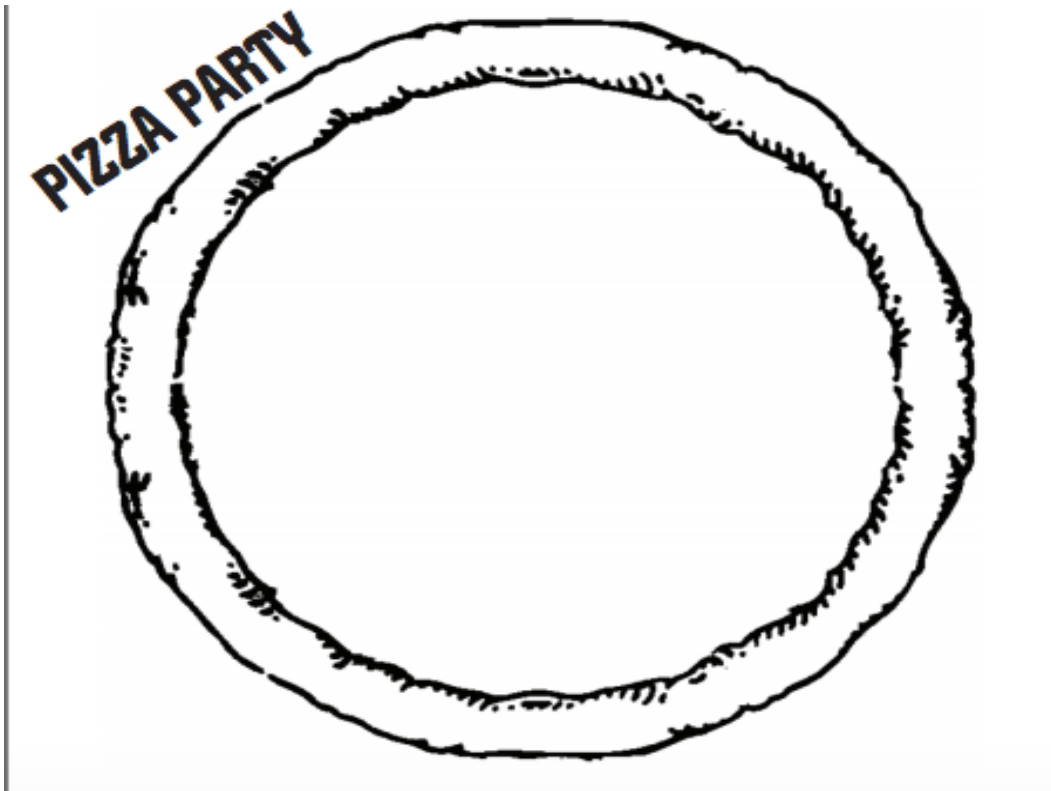
Question 4)

Complete the shapes to below to show a mirror reflection



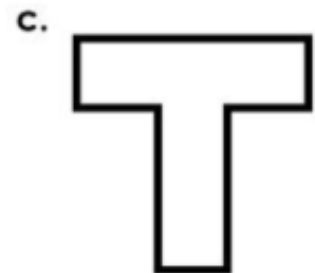
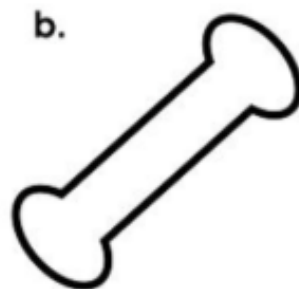
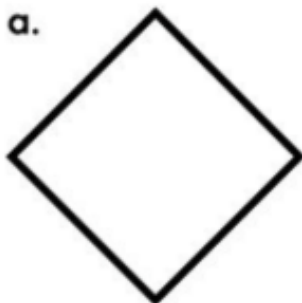
Question 5)

1. Draw lines on your pizza to show where you would slice your pizza so that all pieces are the same.
2. Add pepperoni to each slice to show radial symmetry.
3. How many slices do you have that are the same? \_\_\_\_\_



Question 6)

Draw lines of symmetry on the shapes below. Some shapes may have more than one line of symmetry.



Total: