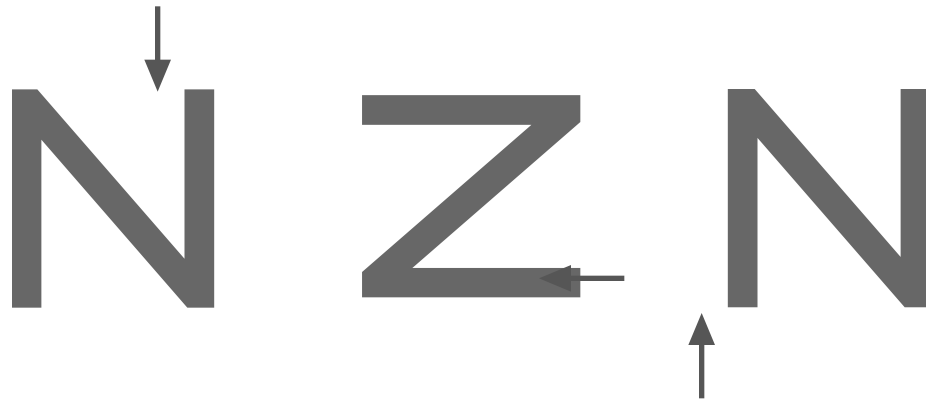
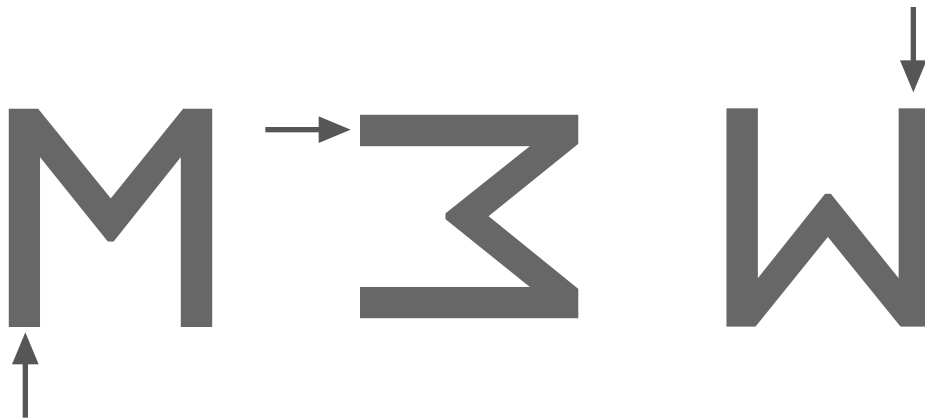


## Lesson: Rotational Symmetry

When a figure looks the same after it is rotated, we say that it has **rotational symmetry**. The key though is that the letter (figure) cannot rotate a full turn. It must be less than a full turn.



You can rotate the letter N a half turn and it will look the same. Notice where the arrow points. This shows that after the N rotates, it still looks the same.




You can rotate the letter M a half turn and it will look the same. Notice where the arrow points. This shows that after the M rotates, it **does not** look the same.

# Rotational Symmetry Practice

Name \_\_\_\_\_ Date \_\_\_\_\_

**Directions:** Determine whether the following letters/shapes has rotational symmetry. Write **yes** if they do and **no** if they don't.

Shape	Yes/No	Shape	Yes/No
H		B	
A		X	
		SOS	