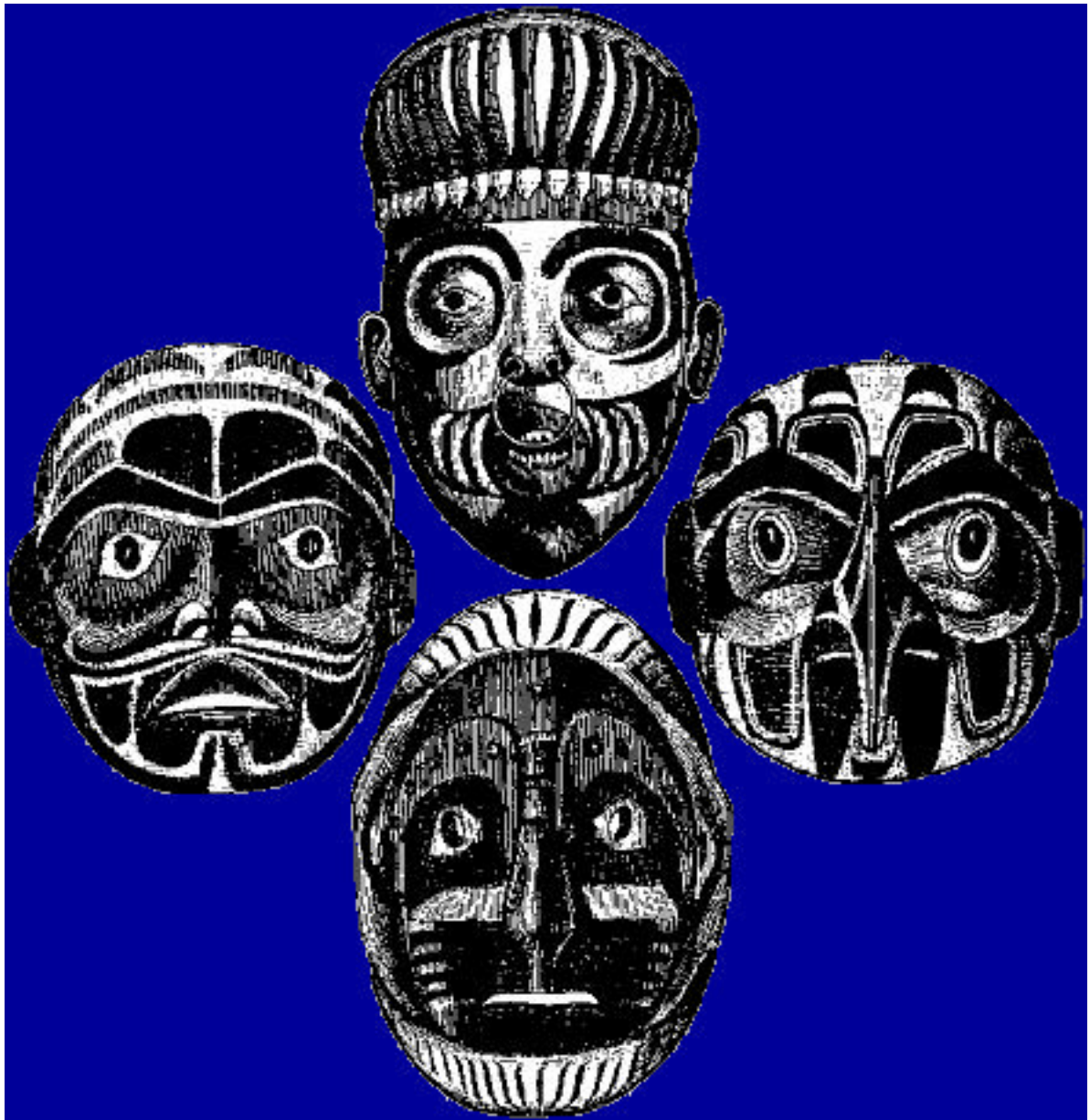


# Exploring Symmetry in Life and Culture

Name \_\_\_\_\_



graphic from:

<http://www.schools.ash.org.au/stkierans-manly/Classes/Yr6/6B/Symmetry/5.html>

## Australian Masks

Name \_\_\_\_\_

GO TO <http://www.schools.ash.org.au/stkierans-manly/Classes/Yr6/6B/Symmetry/>

Scroll down and click on the men that are fixing the roof.

**Bookmark this page with the chart. You'll have to return to it!**

Scroll down a little and find SYMMETRY OF ANIMALS.

You will see some of these pictures.

1) Draw a line of symmetry on each picture:



graphics by <http://www.schools.ash.org.au/stkierans-manly/Classes/Yr6/6B/Symmetry/>

Click next. You will see the front cover of this packet. Turn to the cover of this packet.

2) Do you see a line of symmetry in each mask? \_\_\_\_\_

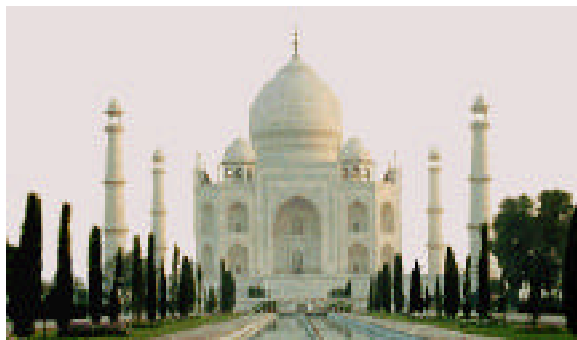
Go back twice (TOP LEFT ON YOUR BROWSER) to the main page and click on REFLECTIONS IN WATER.

3) Where is the line of symmetry in this beautiful picture? \_\_\_\_\_

Scroll down and click NEXT

4) What is the Taj Mahal? \_\_\_\_\_

Draw a line of symmetry:



Scroll down and click NEXT

Name \_\_\_\_\_

Read this page and answer:

5) What is a regular pentagon? \_\_\_\_\_

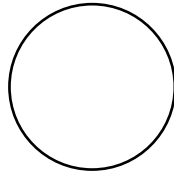
How many lines of symmetry does it have? \_\_\_\_\_

6) What is a regular octagon? \_\_\_\_\_

How many lines of symmetry does it have? \_\_\_\_\_

7) By the way, what does the word "regular" mean? \_\_\_\_\_

8) How many lines of symmetry does a circle have? \_\_\_\_\_ Can you draw some?



Go Back to the first page that you bookmarked.

Click on WHAT IS ROTATIONAL SYMMETRY?

9) Why does this picture have rotational symmetry? \_\_\_\_\_



Australian playing card

graphic from <http://www.schools.ash.org.au/stkierans-manly/Classes/Yr6/6B/Symmetry/10.htm>

Scroll down and click NEXT, look at some of the art work you can make. Click NEXT again and look at the car hubcaps.

10) Does it have rotational symmetry? \_\_\_\_\_



Click NEXT and look at the kaleidoscopes.

11) How do kaleidoscopes work? \_\_\_\_\_  
\_\_\_\_\_

Click NEXT and read about TRANSFORMATIONS. SCROLL DOWN AND READ.

Click NEXT and read ABOUT CAPITAL LETTERS.

12) Write your first name in capital letters here: \_\_\_\_\_

13) Which letters in your name have horizontal symmetry? \_\_\_\_\_

14) Which letters in your name have vertical symmetry? \_\_\_\_\_

15) Do any of your letters have rotational symmetry? \_\_\_\_\_

Continue to look at the next three pages where you will find examples of symmetry in every day life.

16) Can you list some examples of symmetry in every day life? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

