

➤ Notes for parents. Activity next page.

**The purpose of this task is to help your child to:**

- become more familiar with and name common geometric shapes
- **sort objects** into groups
- describe what they have done and explain why
- recognise halves and quarters.
- create new shapes and **describe what they have done** using shape names and 'half' and 'quarter'

**You may like to print 2 copies of the following page, or make a similar one of your own.**

You'll need glue and spare paper.

Suggestions:

- Have your child cut out the shapes, sort them into groups and explain their groupings (for example, groups of the same shape, colour, size, straight/curved sides, showing whole/halves/quarters).  
Ask, "what is the same about these?" Point to each group.
- Challenge them to see/make other groups.
- Have your child glue their groups onto a sheet of paper.
- Have them cut out the shapes from the second sheet, and cut the shapes into halves and quarters.
- Have them use the pieces to make other interesting shapes, 'monsters', 'robots', or animals.
- Glue these in place.
- Have your child describe what they have done using shape names, colour, and 'half' and 'quarter'.
- Have them give an imaginative name to each new shape creature.



### He tauira kōrero Māori

Tapahia ēnei āhua.	Cut out these shapes.
Wehea ngā āhua ki ētahi rōpū.	Sort the shapes into groups.
He aha ngā mea ōrite o ngā āhua i tēnei rōpū?	What is the same about the shapes in this group?
He aha ngā mea rerekē o ngā āhua i tēnei rōpū me ngā āhua i tēnei rōpū?	What things are different about the shapes in this group and the shapes in this group?
Whakarōpūngia ngā āhua tapa torotika.	Group all the shapes with straight sides.
Whakarōpūngia ngā āhua tapa kōpiko.	Group all the shapes with curved sides.
E whakaaro ana ahau ki tētahi o ēnei āhua. He āhua iti, e toru ōna kokonga. Ko tēhea?	I'm thinking of a shape. Its small and got three corners. Which one is it?
Tapahia ngā wehenga o ēnei āhua.	Cut out the divisions of these shapes.
E whā ngā wehenga ōrite o te porowhita nui, nō reira he hauwhā ia wehenga.	There are four divisions of the big circle, so each division is a quarter.
He aha ēnei wehenga o te pororapa nui?	What are these divisions of the big ellipse?
Honoa ngā wehenga o ngā āhua hei hanga āhua hou.	Join the pieces of the shapes to create some new shapes.
Whakamahia ngā wehenga o ngā āhua hei hanga i tētahi karetao, i tētahi nauwhea rānei.	Use the pieces of the shapes to create a robot or a monster.



