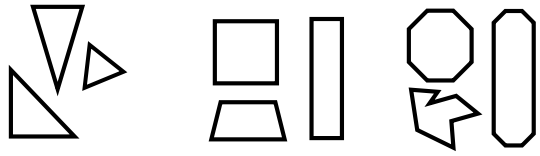
GEOMETRIC THINKING– SET 3

Ⓐ *Can discuss the below attributes when grouping or separating shapes.*

Number of sides



3 Sides | 4 Sides | 8 Sides

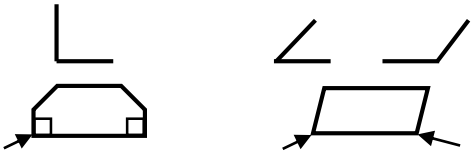
Number of Angles

4 Angles | 5 Angles | 6 Angles

Length of sides

Unequal Length Sides | Equal Length Sides

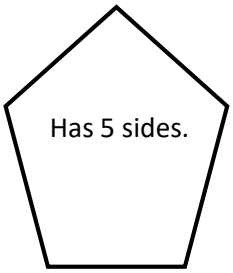
Types of Angles



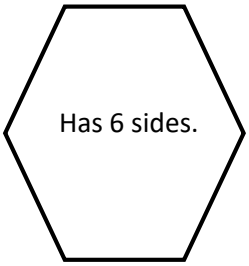
Right Angles | Not Right Angles

Ⓑ *Can name and discuss the attributes for shapes including:*

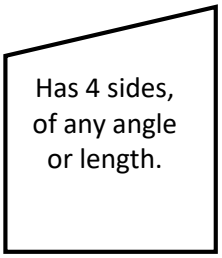
Pentagon



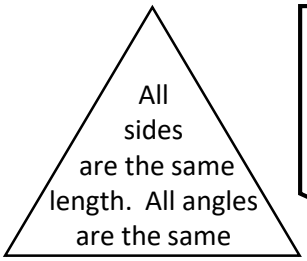
Hexagon



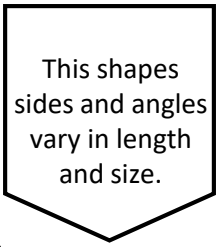
Quadrilaterials



Regular Shapes

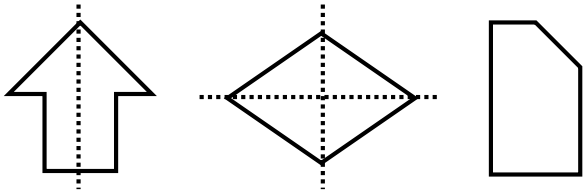


Irregular Shapes



Ⓒ *Understand the concept of transformation in objects and shapes.*

Reflection : how many lines of reflection

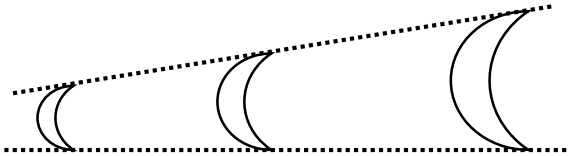


One line | Two lines | No Lines

Rotation : what is the order of rotational symmetry

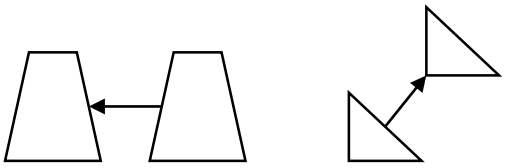
One | Two | Four

Enlargement: how has the size changed?



Smaller | Original | Larger

Translation: which direction has it moved

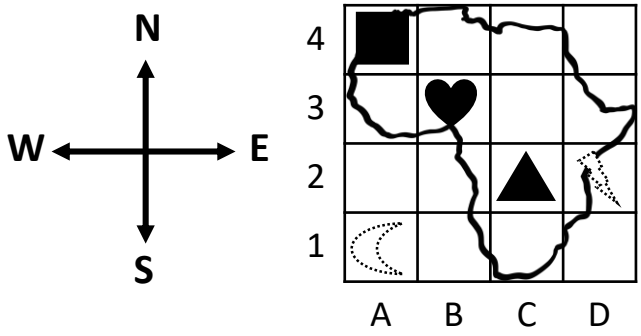


Moved Left | Moved North East

Jake Wills and Olivia Walker-Wills – 2020

GEOMETRIC THINKING – SET 3 – PART 2

Ⓓ *Can describe location of objects and give direction using compass points and a simple grid.*



Use grid co-ordinates to:

Place objects:
Put a ↯ on 2D

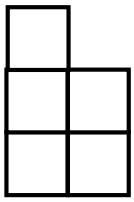
Describe where objects are:
♥ is on 3B

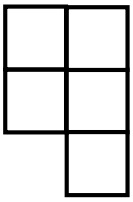
Confident using compass co-ordinates to:

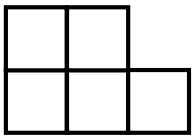
Place objects
Put a ☾ 3 squares south of the ■

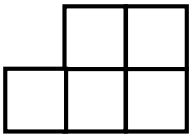
Describe one object is in relation to another
The ▲ is one square south-east of ♥

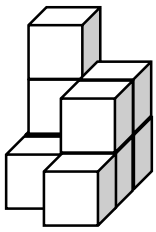
ⓔ *Can make a 3d physical model from 2d drawings and vice versa. (Using less than 12 blocks)*


Front View


Top View


Left View


Right View


3D model made from blocks.

Jake Wills and Olivia Walker-Wills – 2020