ALL IN ONE PLACE BASE CAMP
MATHS WORKSHEET
SHAPE AND SPACE 1

INSTRUCTIONS
- You should take about 15 minutes to do the exercises
- Ask a family member or teacher for help if you need it
- Write your answers of the worksheet and show working out
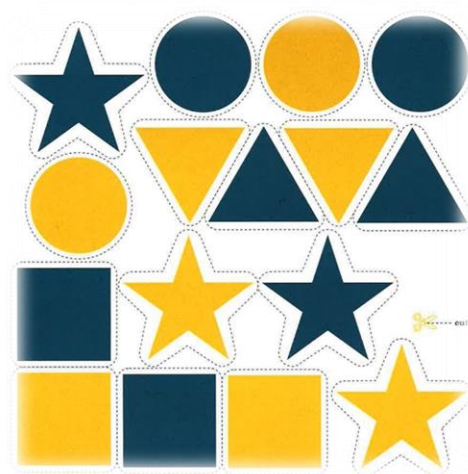- Use the solution sheet to check your work

WHAT TO DO

You'll do these exercises

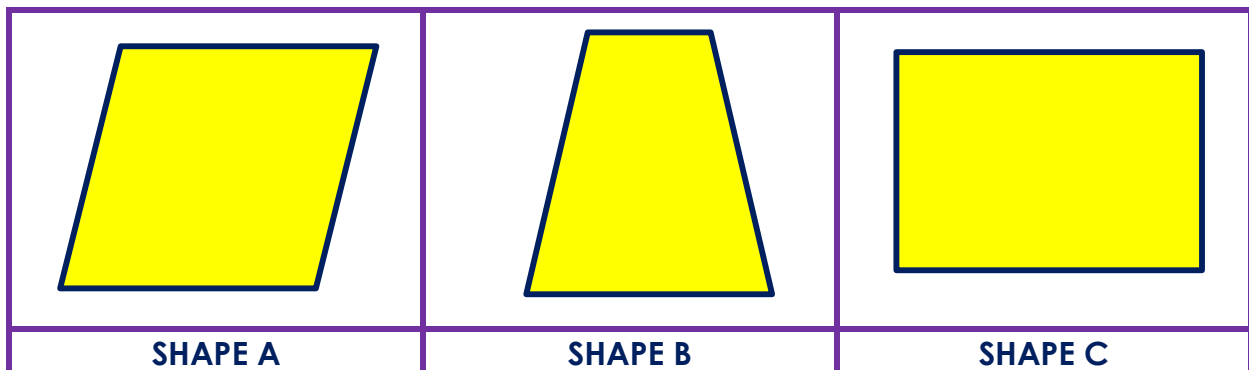**JUMP 1** *name 2D shapes and their properties*

JUMP 2 *name 3D shapes and their properties*

JUMP 3 *identify shapes in structures*

JUMP 1

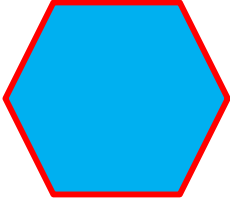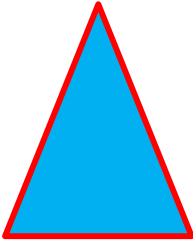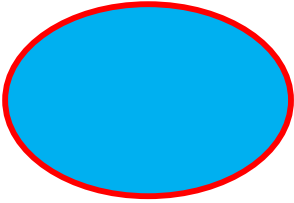Examine the shapes and then answer the questions.

SHAPE A	SHAPE B	SHAPE C

a. Write the answers to the questions in the table.

Question	Your answer
What is the name of **SHAPE A**?	
What is the name of **SHAPE B**?	
How many lines of symmetry does **SHAPE A** have?	
How many lines of symmetry does **SHAPE B** have?	
How many parallel sides are there in **SHAPE C**?	
What is the size of each angle in **SHAPE C**?	

b. Write the names of the shapes and the order of rotational symmetry.

Name	**Name**	**Name**
Rotational symmetry	**Rotational symmetry**	**Rotational symmetry**

JUMP 2

a. What is this 3D shape called?
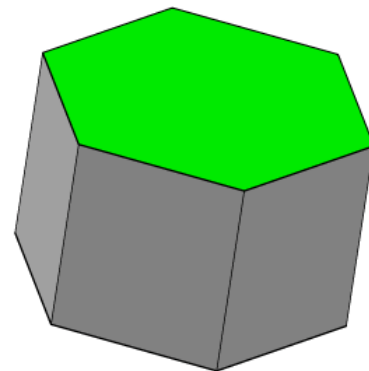
ANSWER _____

b. How many faces does the shape have?

ANSWER _____

c. How many edges does the shape have?

ANSWER _____

d. What 3D shape will this net form?
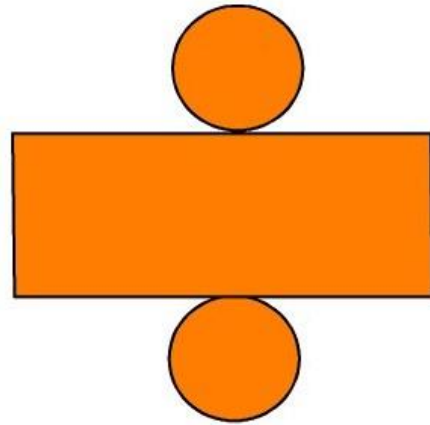
ANSWER _____

e. How many faces does the shape have?

ANSWER _____

f. How many edges does the shape have?

ANSWER _____

g. How many vertices does the shape have?

ANSWER _____

JUMP 3

Examine the diagram and then complete each sentence using a word.

a. The sun is a _____.

b. The door is a _____.

c. The garage door is _____.

d. The garage roof is an

_____ triangle.

e. The roof above the front door is a

_____.

Complete this table by writing a number or a word.

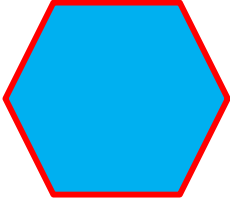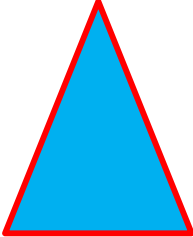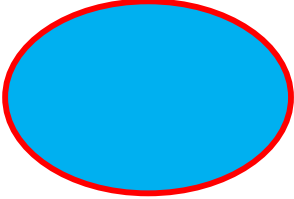|	
How many windows are square?	
How many windows are rectangles?	
What shapes hold the roof above the door?	
How many circles can you see?	

SOLUTIONS

JUMP 1

Question	Your answer
What is the name of **SHAPE A**?	parallelogram
What is the name of **SHAPE B**?	trapezium
How many lines of symmetry does **SHAPE A** have?	0
How many lines of symmetry does **SHAPE B** have?	1
How many parallel sides are there in **SHAPE C**?	2
What is the size of each angle in **SHAPE C**?	90º

Name regular hexagon	**Name** isosceles triangle	**Name** oval or ellipse
Rotational symmetry 6	**Rotational symmetry** 1	**Rotational symmetry** infinite

JUMP 2

a. hexagonal prism
b. 8
c. 18
d. cylinder
e. 3
f. 2
g. 0

JUMP 3

a. circle
b. rectangle
c. square
d. isosceles
e. trapezium

How many windows are square?	3
How many windows are rectangles?	2
What shapes hold the roof above the door?	cylinder
How many circles can you see?	5

There are 5 circles: the sun, the inner part of each sunflower, and the yellow part of each sunflower.