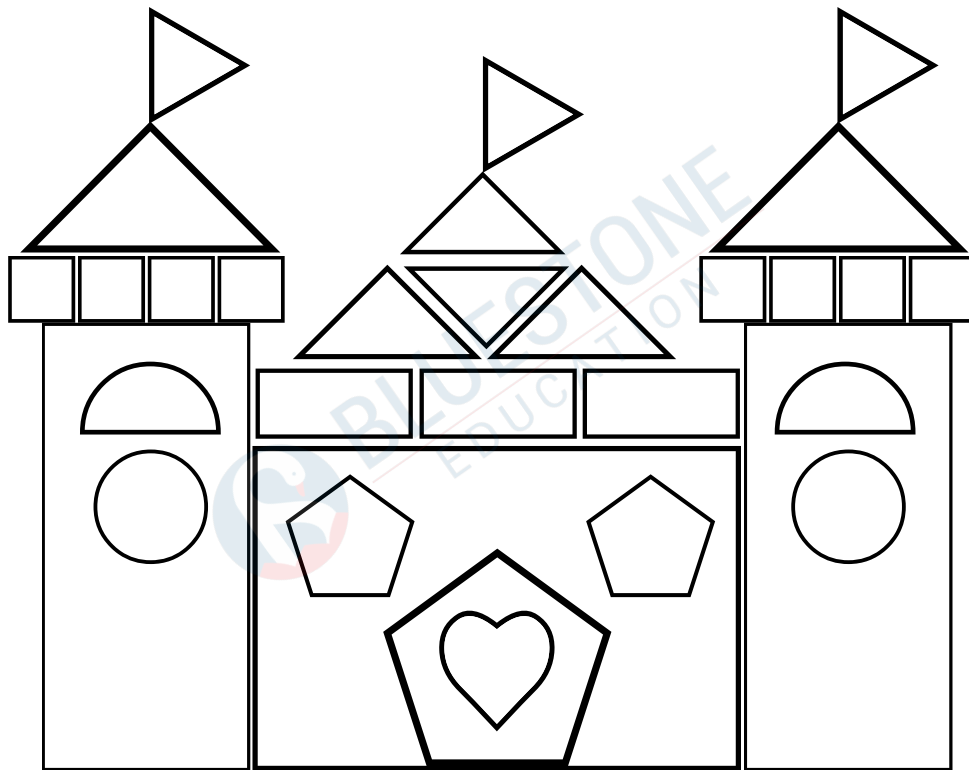


Name: _____ Class: _____ Date: _____

1. Lines, Shapes and Spaces

1. Look at the picture, count and write the number of shapes.

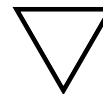








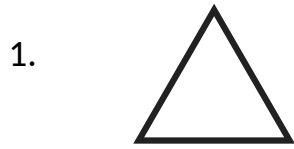




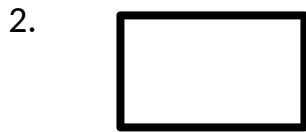




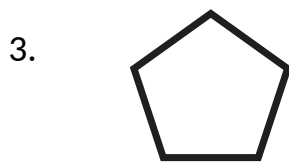
2. Match each shape to the correct name.



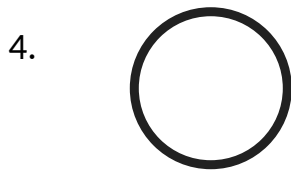
(a) Parallelogram



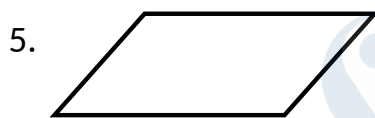
(b) Circle



(c) Triangle



(d) Pentagon



(e) Square



(f) Trapezoid



(g) Rectangle



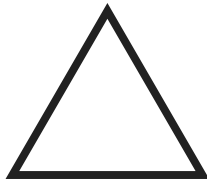
(h) Hexagon

Name: _____ Class: _____ Date: _____

1. Lines, Shapes and Spaces

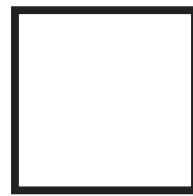
1. Write down the number of sides and vertices for each shape.

(a)



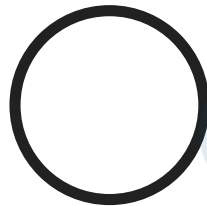
_____ side (s)
_____ vertex (s)

(b)



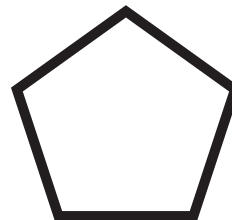
_____ side (s)
_____ vertex (s)

(c)



_____ side (s)
_____ vertex (s)

(d)



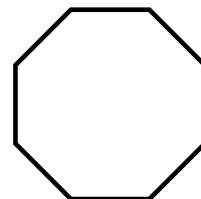
_____ side (s)
_____ vertex (s)

(e)



_____ side (s)
_____ vertex (s)

(f)



_____ side (s)
_____ vertex (s)

2. Read the description and draw each shape that is described below.

1. I have no vertices and no sides.

2. You'll find me with 3 vertices and 3 sides.

3. I have 4 vertices and 4 equal sides.

4. I have 5 vertices and 5 sides.

5. I have both 4 vertices and 4 sides, but there are only 2 equal pairs.

6. I am a shape with no flat areas.

Name: _____ Class: _____ Date: _____

1. Lines, Shapes and Spaces

1. Answer the following.

- a. A rectangle has a pair of _____ sides.
- b. ○ This shape is called a _____.
- c. Triangle has _____ sides.
- d. Square has _____ sides.
- e. Which shape has no sides? _____.
- f. The shorter side of rectangle is called its _____.
- g. Circle is made up of straight lines. True / False
- h. When a rectangle is rotated its shape changes. True / False
- i. The longer side of the rectangle is called its _____.
- j. Which shape has 3 sides? _____.

2. Choose the correct answer

1. Which of the following is a shape with four equal sides and four right angles?

- a) Circle b) Triangle c) Square d) Oval

2. How many sides does a triangle have?

- a) Three b) Four c) Five d) Six

3. Which shape has no sides and no corners?

- a) Square b) Circle c) Rectangle d) Triangle

4. How many vertices does a square have?

- a) Four b) Five c) Six d) Seven

5. Which shape has three sides and three vertices?

- a) Circle b) Oval c) Triangle d) Rectangle

6. Which of the following shapes is round?

- a) Square b) Triangle c) Circle d) Rectangle

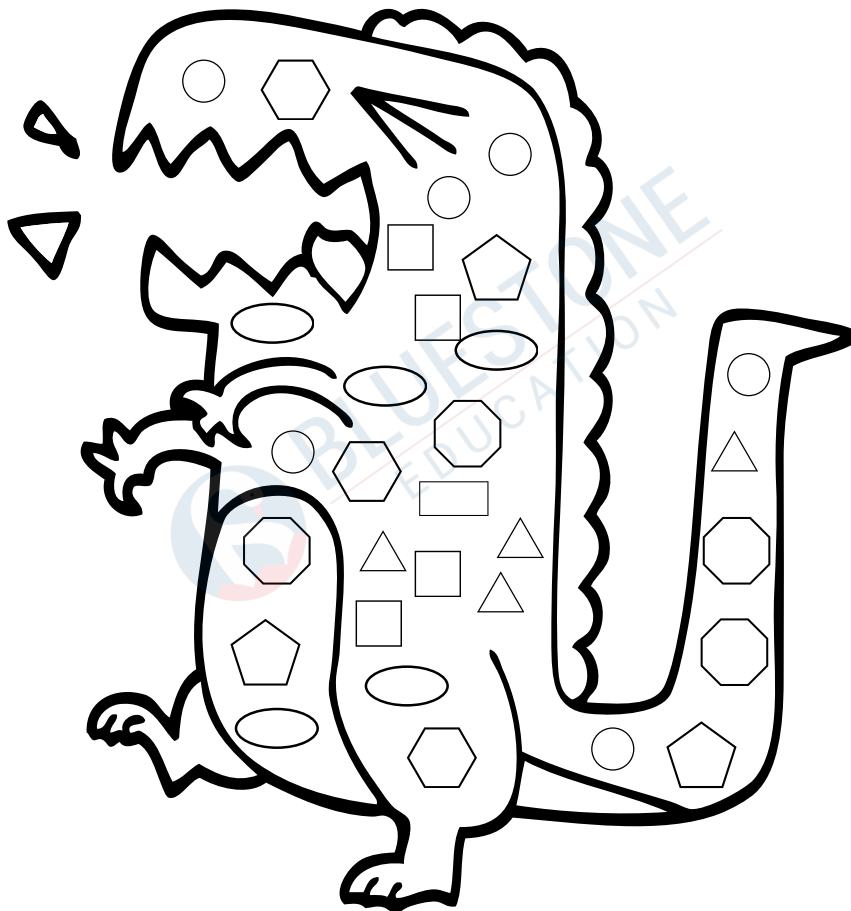
7. How many vertices does a rectangle have?

- a) Three b) Four c) Five d) Six

Name: _____ Class: _____ Date: _____

2. 2D Shapes

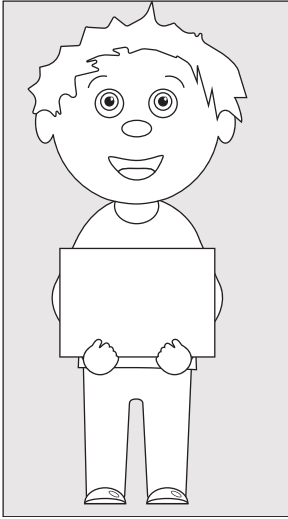
1. Colour the shapes according to the clues given.



rectangle- RED	pentagon- YELLOW	circle- GREEN
triangle- BLUE	octagon- PINK	square- BROWN

2. Fill in the blanks.

(a)



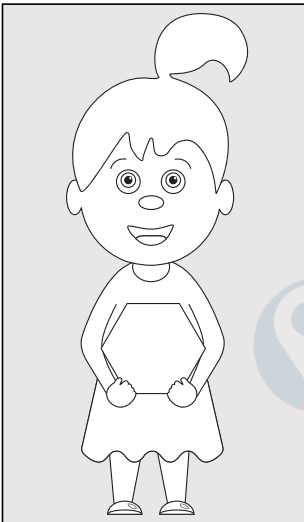
This is a _____.

It has _____ sides.

It has _____ corners.

Draw the shape below.

(b)



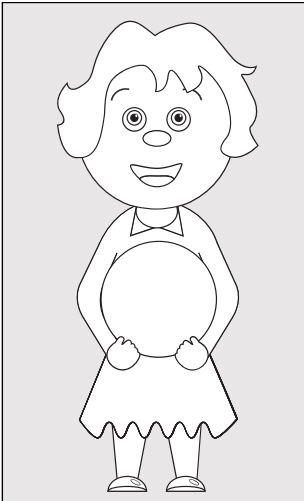
This is a _____.

It has _____ sides.

It has _____ corners.

Draw the shape below.

(c)



This is a _____.

It has _____ sides.

It has _____ corners.

Draw the shape below.

Name: _____ Class: _____ Date: _____

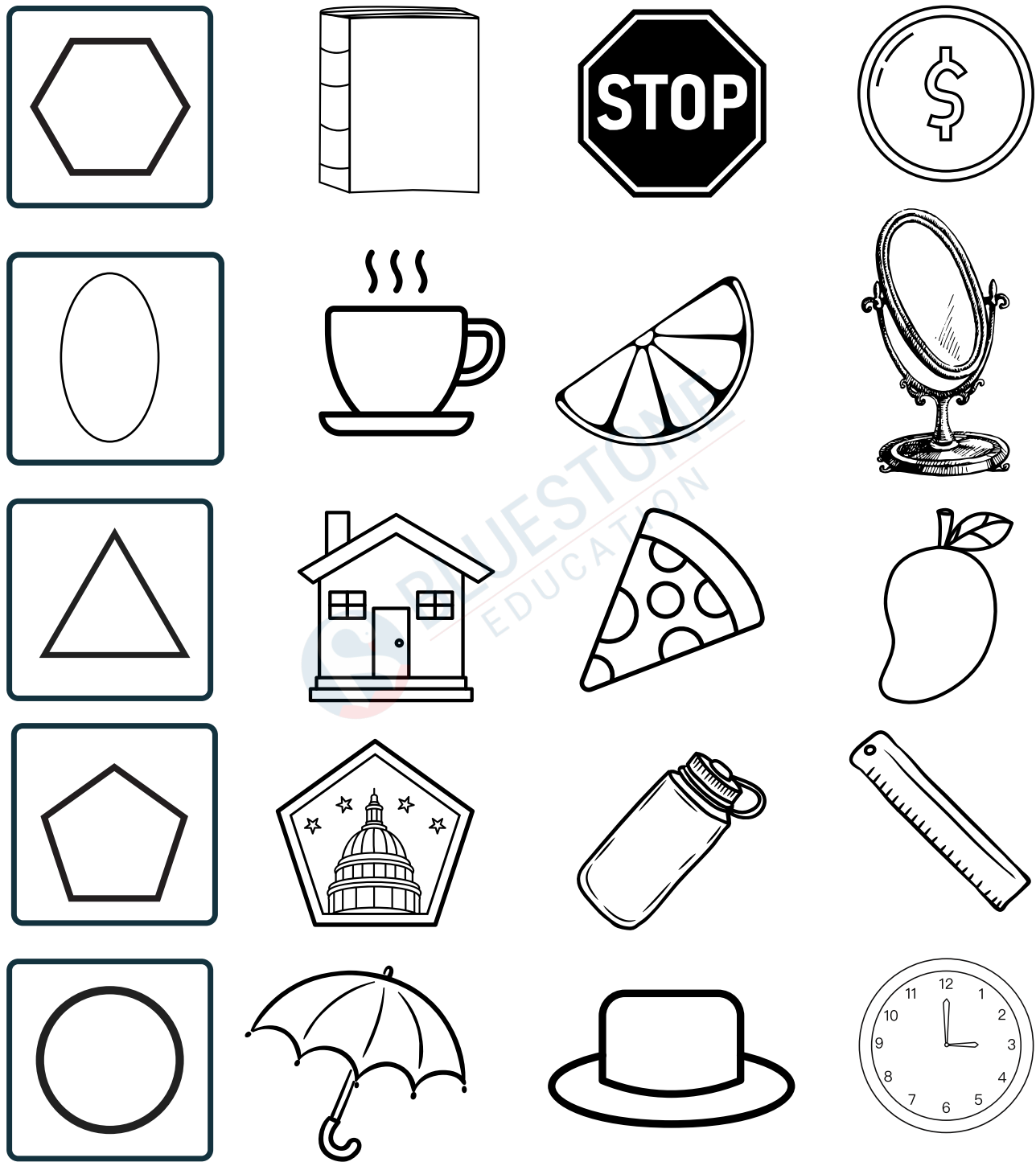
2. 2D Shapes

1. Answer the following with the clues given below.

- a. A circle has no side. It is closed shape of a _____ line.
- b. How many sides does a rectangle have? _____
- c. A _____ has 4 sides and 4 vertices.
- d. A triangle has _____ sides and _____ vertices.
- f. 2D means _____.
- g. A _____ has no side.
- h. The height and width of a _____ is not the same.
- i. The height and width of a _____ are always equal.
- j. _____ and _____ are made from four lines joined by four corners.
- k. If you cut a circle in half, you call it a _____.

4	Square	Rectangle	Two- Dimensional	Square and Rectangle
3, 3	Square	Rectangle	Circle	Semi-Circle

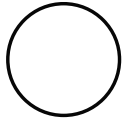
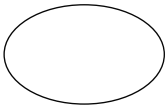
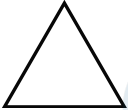
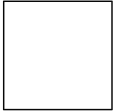
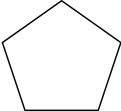
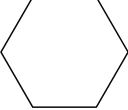
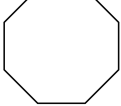
2. Circle and colour the object that matches with the first shape shown.



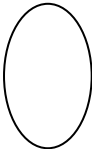
Name: _____ Class: _____ Date: _____

2. 2D Shapes

1. Complete the table.

Shape	Name	Number of Sides	Number of Vertices
			
			
			
			
			
			
			
			

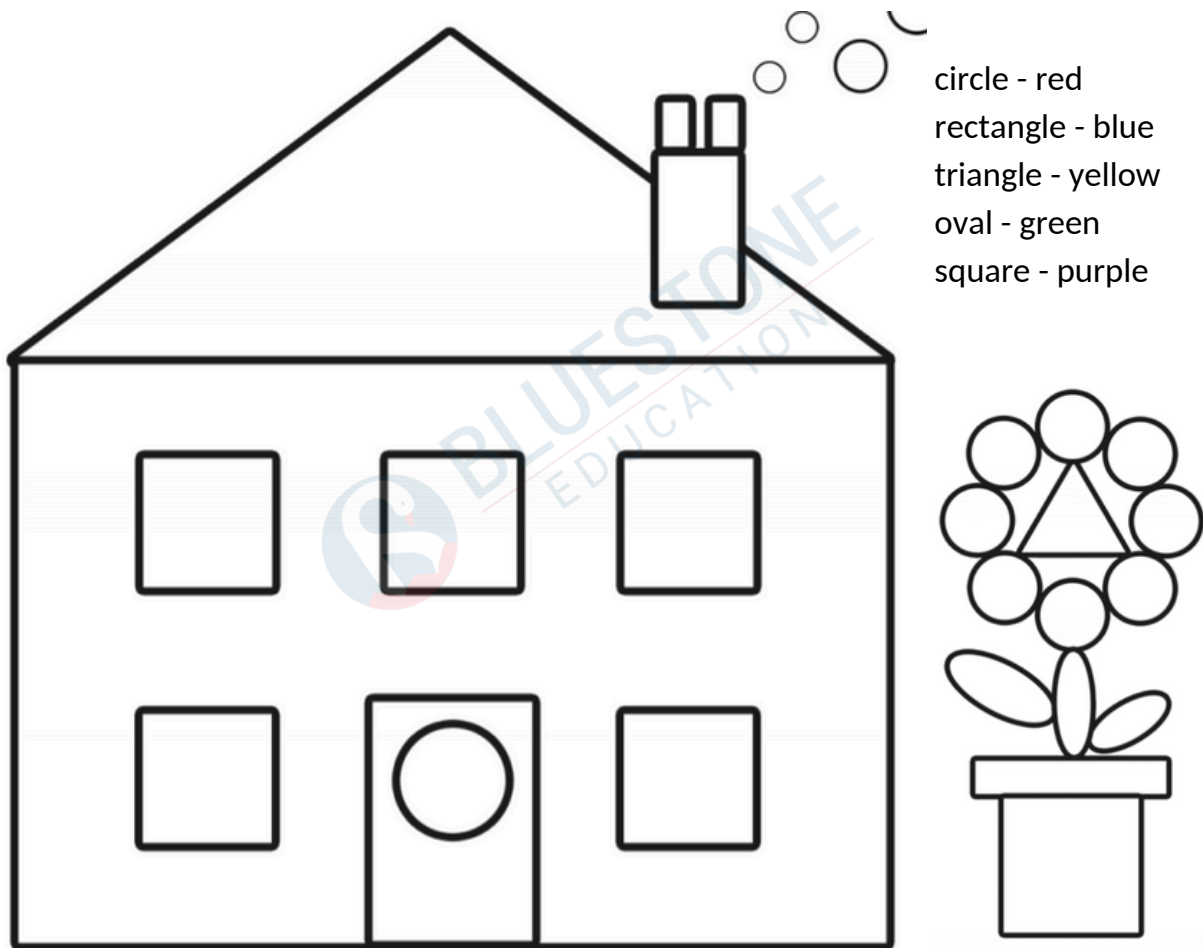
2. Rearrange the jumbled letters to form the correct spelling of the shapes.

 INAGLTRE	
 ECRILC	
 LTARECNGE	
 OXHNAGE	
 ENPOTAGN	
 QUSAER	
 RAST	
 VOAL	

Name: _____ Class: _____ Date: _____

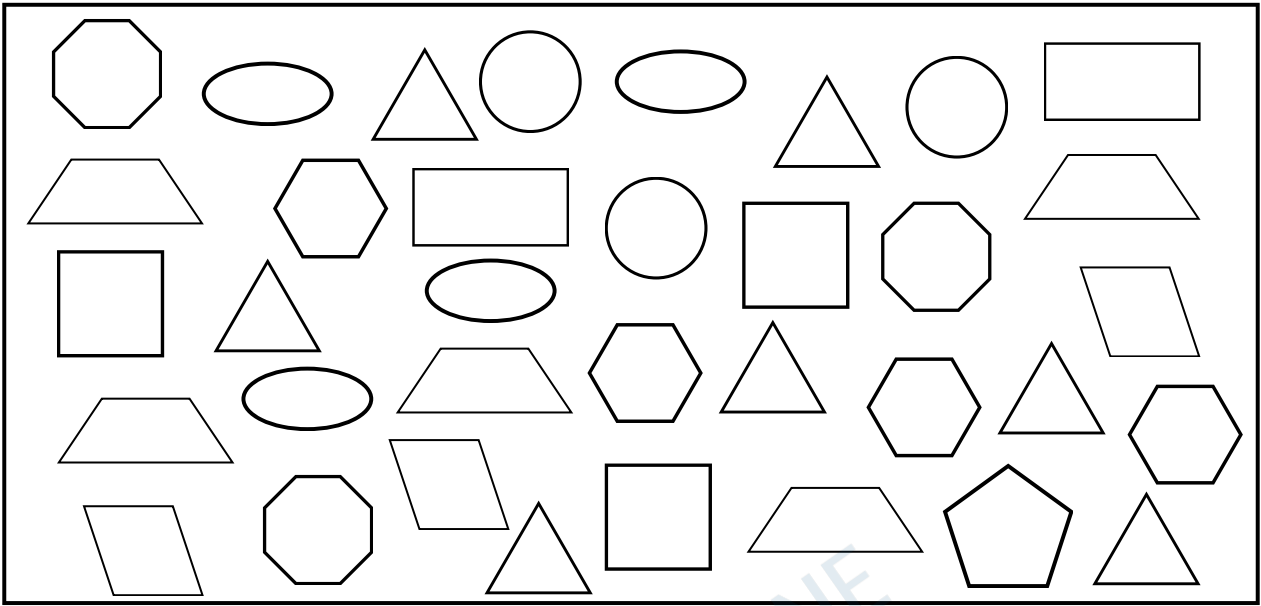
2. 2D Shapes

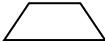
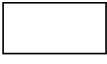
1. Colour the shapes using the correct code.



- There are ____ circles.
- There are ____ rectangles.
- There are ____ triangles.
- There are ____ ovals.
- There are ____ squares.

2. Count each shape, then graph it by colouring in the box every time you see it.

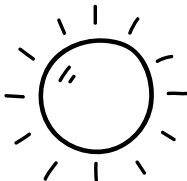
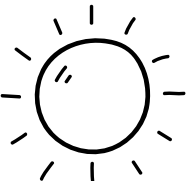
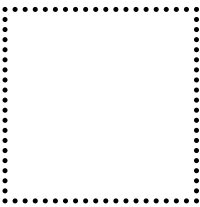
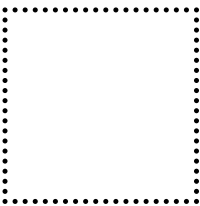
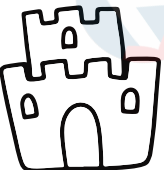
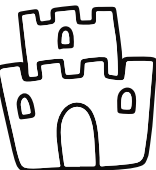
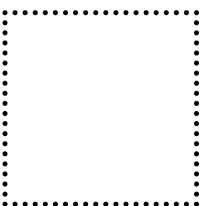
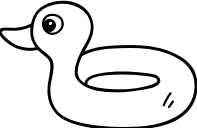
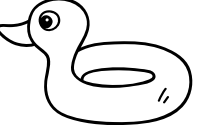
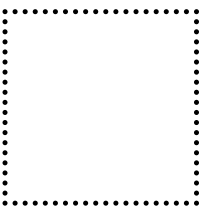
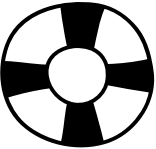
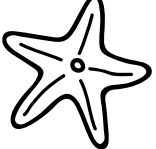
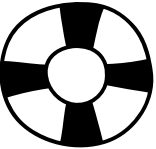
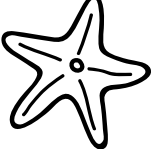
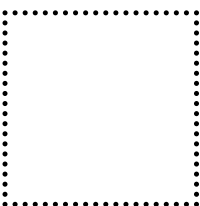


Name: _____ Class: _____ Date: _____

3. Sequence and Patterns

1. Complete the pattern with the help of the clues given below .

2. Fill in the missing numbers and complete the sequence.



1		3	4	
6			9	

2	4		8	10
		16	18	



1		5		9
	13	15		

2	5	8		14
17				



	10			25
30			45	

Name: _____ Class: _____ Date: _____

3. Sequence and Patterns

1. Look at the number patterns and write the next number.

a.	0 1 0 1 0 1 0 1 0	1
b.	2 6 2 6 2 6 2 6	
c.	3 3 1 3 3 1 3 3 1	
d.	0 1 2 0 1 2 0 1 2	
e.	6 4 4 6 4 4 6 4	
f.	9 8 5 9 8 5 9 8	

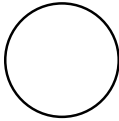
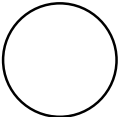
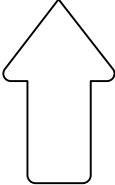
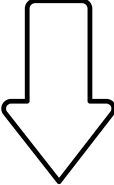
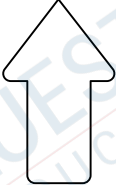
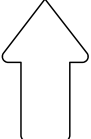
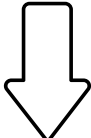
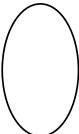
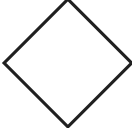
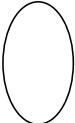
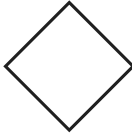
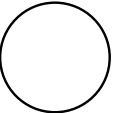
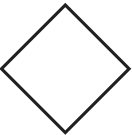
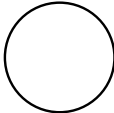
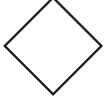
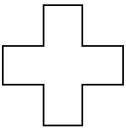
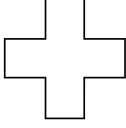
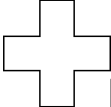
2. Identify the alphabet pattern and fill in the missing alphabet.

1.	E		E	C	E	C
2.	S	S	B		S	B
3.	N	E	A	N	E	
4.	Z	E	X		E	X
5.		R	T	R	T	R
6.	K		H	K	A	
7.	Z	Z	Z	Y		Y

Name: _____ Class: _____ Date: _____

3. Sequence and Patterns

1. Look at the pattern in each row. Circle the picture that continues the pattern.

2. Fill in the blanks.

a) 2, 4, 6, __, __, 12

b) ●, ●, ●, ●, ●, ●, __, __

c) ★, ★★, ★★★, ____, ____

d) hen, pen, pen, hen, __, __

e) 1, 3, 5, __, __, 11

3. Multiple choice question.

1) What number comes next in the sequence: 2, 4, 6, ____?

a) 8

b) 9

c) 10

d) 12

2) What shape comes next in the sequence: ■, ■, ■, ■, ____?

a) ■

b) ■

c) ●

d) ▲

3) What comes next in the sequence: ■, ■■, ■■■, ____?

a) ■■

b) ■■■■

c) ■■■■■

d) ■

4) What number comes next in the sequence: 5, 10, 15, ____?

a) 20

b) 25

c) 30

d) 35

5) What word comes next in the sequence: cat, dog, cat, dog, ____?

a) cat

b) dog

c) fish

d) bird

6) What comes next in the pattern? A, B, A, B, ____

a) A

b) B

c) C

d) D

7) Find the next shape in the pattern: Circle, Square, Circle, Square, ____

a) Triangle

b) Circle

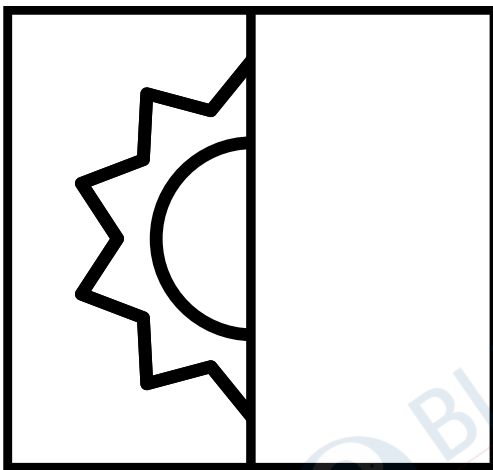
c) Square

d) Rectangle

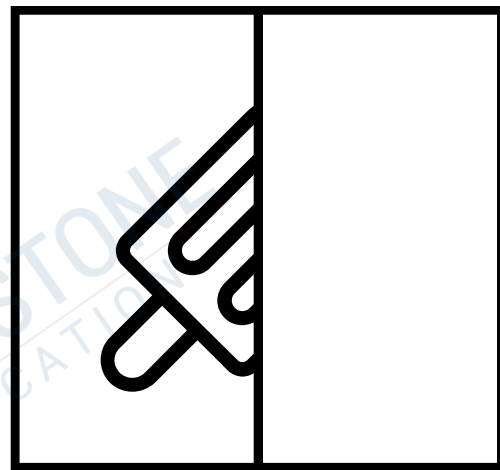
Name: _____ Class: _____ Date: _____

3. Sequence and Patterns

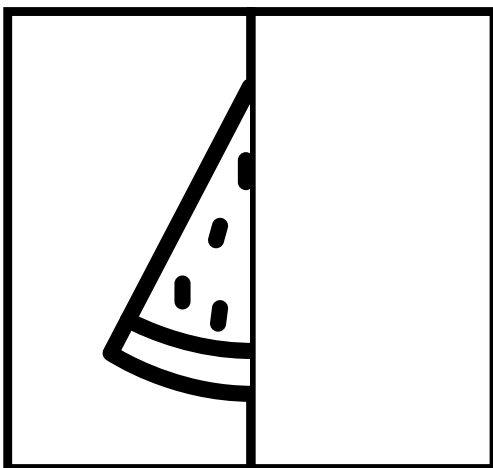
1. Complete the drawing.



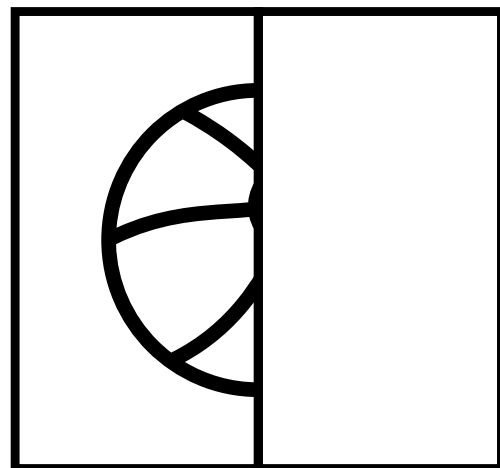
the Sun



popsicle



watermelon



ball

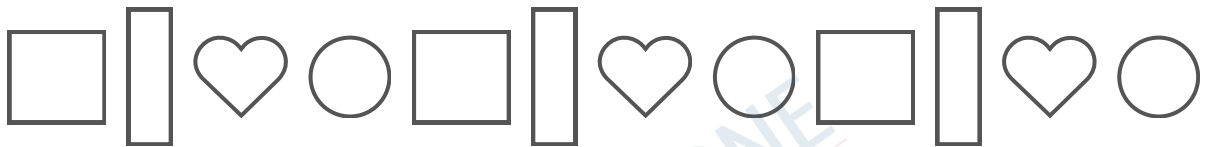
2. Colour the pattern:



Translate the shape pattern to a letter pattern:

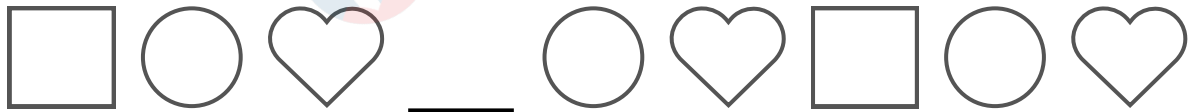
 A B A B A B A B

3. Colour according to the shape pattern:



Translate the shape pattern to a letter pattern:

4. Fill in the missing shape in the pattern



5. Create an ABB pattern using colours.



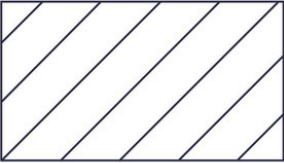
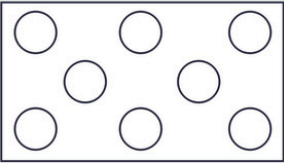
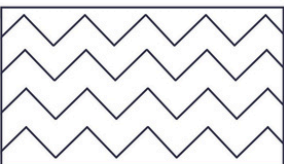
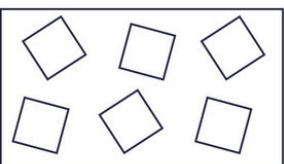
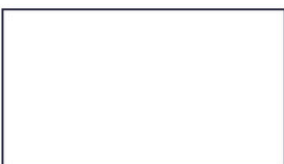
6. Create an ABC Pattern using colours.



Name: _____ Class: _____ Date: _____

3. Sequence and Patterns

1. Draw the same pattern in the empty boxes.

2. Draw the same pattern.

