Azaan International School Worksheet

Grade: IV	Worksheet	Su	Subject: Maths					
Name:	Date	e: Roll No: _	Sec:					
	Chanter _0 Shapes Patte	rne and Note						

Chapter –9 Shapes, Patterns and Nets

	I in the blanks: Shapes which are formed only with straight lines are called
b.	A polygon with 3 line segments is called
C.	The length of the circle is called its
d.	The diameter of a circle is the length of the radius.
e.	A reflection is like a
f.	Designs made with shapes that fit into each other without any gaps or overlaps are called
	·

2. Write T for true and F for false

1.

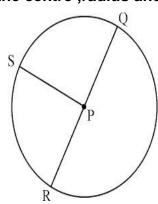
a.	A polygon v	with 4 line sec	ment is called	quadrilateral.	

- b. The radius of a circle is twice the length of its diameter._____
- c. The diameter of a circle goes through centre of the circle._____
- d. A compass is used to draw a line. _____
- e. The line of symmetry is the imaginary line._____
- f. Nets are closed shapes.____

3. Complete the table.

S.NO	Radius	Diameter
a.	2 cm	
b.		6m
C.		10m
d.	7cm	

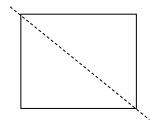
4. Name the centre ,radius and the diameter of the circle given



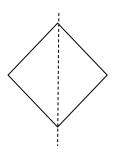
- a. Name the centre:_____
- b. Name the diameter:_____
- c. Name three

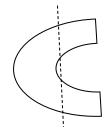
radii:_____

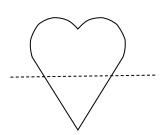
5. Identify and tick which of the dotted lines is a line of symmetry in the shapes given below



b)





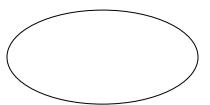


6. Draw and write the number of lines of symmetry in the following shapes:

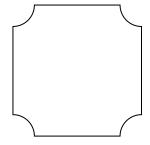




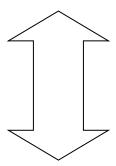
b)



c)

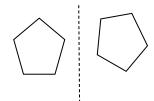


d)

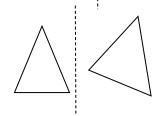


7. Tick those figures that are reflection of each other.

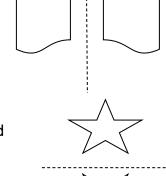
a.



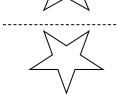
С



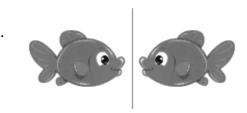
b



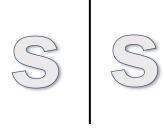
d



e.

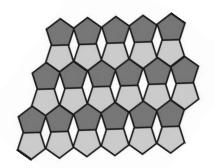


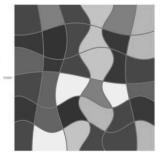
f.

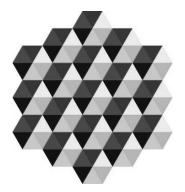


8. Make tessellation pattern using shapes of your own choice.

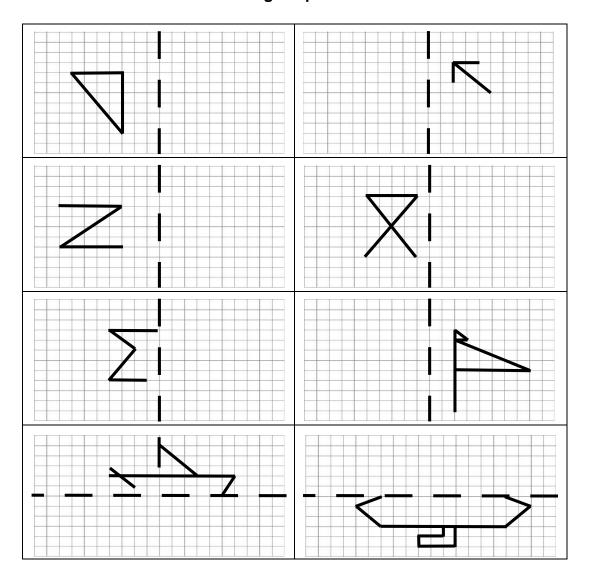
9. Tick the patterns which do not tessellate:







10. Draw the reflection of the following shapes.



11. Read the message using given codes

				<u> </u>								
Α	В	С	D	E	F	G	H	I	J	K	L	М
1	\uparrow	1	1	1	1	1	1	1	1	1	\uparrow	1
0	1	2	3	4	5	6	7	8	9	10	11	12
N	0	P	Q	R	S	T	U	V	W	Х	Y	Z
1	1	1	1	1	1	1	1	1	1	1	1	1
↓	\downarrow	\downarrow	↓	\downarrow	↓	↓	↓	↓	↓	↓	1	1

8	11	8	10	4	12	0	19	7	18	18	20	1	9	4	2	19	0	11	14	19