	5				
			Tri	angles	
				angles	
	Α.	Choose the correct answer: 1. How many sides does a triangle have?			
Y					
(a) 2		b) 3	
N		c) 4		d) 5	
		2. A triangle with all sides equal is called			
		a) Scalene triangle		b) Right triangle	
		c) Isosceles triangle	d) Equilateral triangle		
		3. Which triangle has one angle exactly equal to 90°?			
		a) Acute triangle		b) Right-angled triangle	
		c) Obtuse triangle	d) Equilateral triangle		
		4. A triangle with all three angles less than 90° is called			
		a) Obtuse triangle		b) Acute triangle	e
		c) Right triangle d) Isosceles triangle			
		5. In a scalene triangle			
		a) All sides are equal		b) Two sides are	e equal
		c) No sides are equal		d) All angles are	e right angles
	Β.	Write the Missing Terms	to Comp	lete the Senter	nces:
		1. A triangle hass	ides and	angles	5.
		2. A triangle with one obtuse angle is called an triangle.			
		3. A triangle with two equal sides is called an triangle.			
		4. The sum of the three angles of a triangle is always degrees.			
		5. A triangle with all three unequal sides is called a triangle.			
	C.	Mark each sentence with a True (✔) or False (X):			
		1. A triangle can have two right angles			
		2. An isosceles triangle has t	two equa	l sides	
		3. The angles of a triangle a	lways adc	l up to 180°	

- 4. A scalene triangle has all sides of different lengths
- 5. An equilateral triangle has three unequal sides _____

D. Figure out the answers to these questions:

- 1. Draw and label an equilateral triangle.
- 2. Identify the type of triangle formed by angles 60°, 60°, and 60°.
- 3. List the names of triangles based on their sides and give one example each.
- 4. Measure the three angles of a triangle you drew and verify if their sum is 180°.
- 5. Draw a triangle with one angle 90° and name its type.

E. Challenge yourself with these questions:

- 1. Draw any triangle and classify it based on its sides and angles.
- 2. Write real-life examples where you can see triangles (at least three).
- 3. Identify the type of triangle formed by sides 4 cm, 4 cm, and 6 cm.
- 4. Find the missing angle if two angles of a triangle are 50° and 60°.
- 5. Make a paper triangle, fold it from each vertex and verify the angle sum property.