

**WORKSHEET**  
**ASSESSMENT ON STRAND B**  
**(PATTERNS AND ALGEBRA)**

**Class: V**

**Subject: Mathematics**

**Name:** \_\_\_\_\_

**Question 1:** Choose the correct answer from the option given below.

1. A turn is also called \_\_\_\_\_

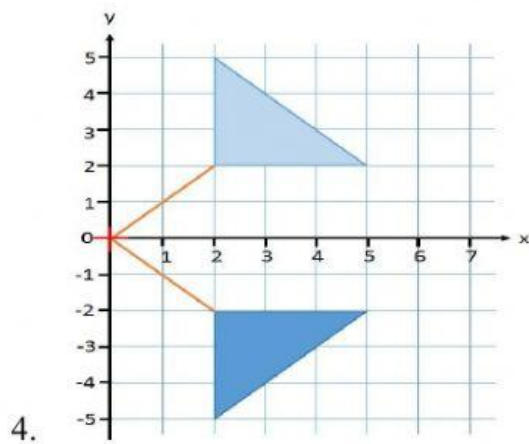
- A. Translation
- B. Reflection
- C. Rotation
- D. Transformation

2. A flip is also known as \_\_\_\_\_

- A. Translation
- B. Reflection
- C. Rotation
- D. Transformation

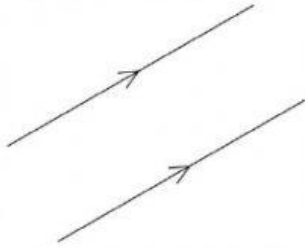
3. A slide is also called \_\_\_\_\_

- A. Translation
- B. Reflection
- C. Rotation
- D. Reflection



This picture is an example of?

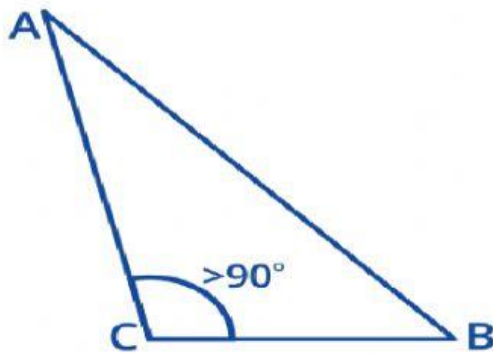
- A. Rotation
- B. Reflection
- C. Translation
- D. Enlargement



5.

What type of lines are these?

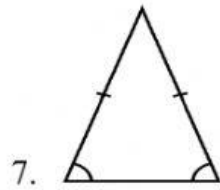
- A. Line segment
- B. Perpendicular lines
- C. Parallel lines
- D. Intersecting lines



6.

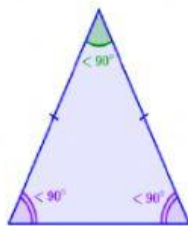
Classify this angle?

- A. Acute
- B. Right
- C. Obtuse
- D. None



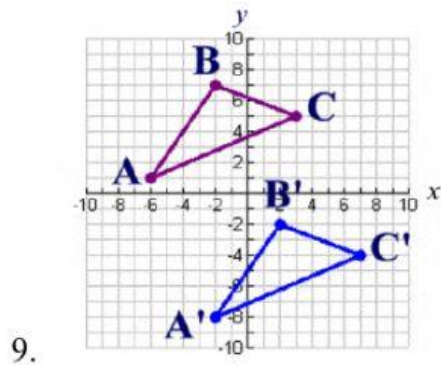
Classify this triangle by its sides.

- A. Equilateral triangle
- B. Scalene triangle
- C. Isosceles triangle
- D. None



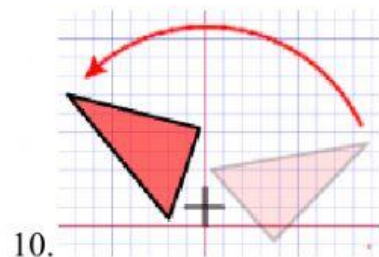
Classify this triangle by angles and sides.

- A. Right Scalene
- B. Acute Isosceles
- C. Obtuse Isosceles
- D. Acute Scalene



How is triangle ABC being translated to triangle A'B'C'?

- A. 3 units up, 8 units left
- B. 9 units up, 4 units left
- C. 3 units down, 8 units up
- D. 9 units down, 4 units right



This picture is an example of:

- A. Rotation
- B. Reflection
- C. Translation
- D. Enlargement

11. Which is not TRUE about Square?

- A. The opposites are parallel.
- B. The interior angles are 90 degree.
- C. It has four sides with five points.
- D. All the side are equal.



Figure 1



Figure 2



Figure 3

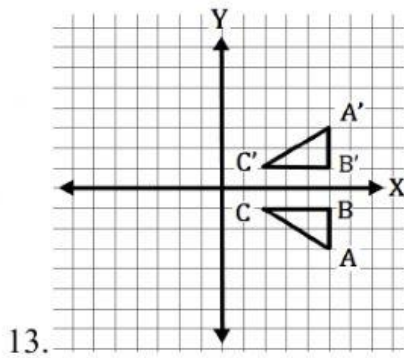


Figure 4

12.

Which figure shows a set of perpendicular lines?

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4



Identify the transformation.

- A. Reflection across y-axis
- B.  $90^0$  counter clockwise rotation
- C.  $90^0$  clockwise rotation
- D. Reflection across x-axis

14.If a triangle has one angle greater than  $90^\circ$  and no equal sides, what type of triangle is it?

- A. Acute Isosceles
- B. Acute Scalene
- C. Obtuse Scalene
- D. Obtuse Isosceles

15.



Choose the most precise answer: This Building post is

- A. Parallel
- B. Intersecting
- C. Perpendicular
- D. None