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

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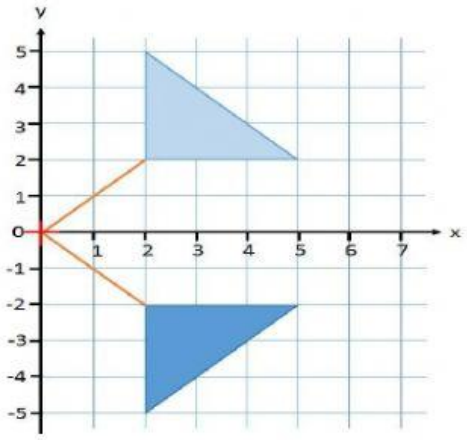
3. A slide is also called _____

A. Translation

B. Reflection

C. Rotation

D. Reflection

4. 

This picture is an example of?

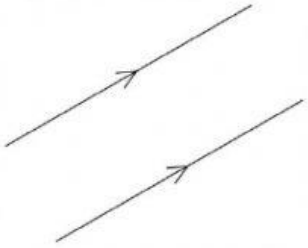
A. Rotation

B. Reflection

C. Translation

D. Enlargement

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5. 

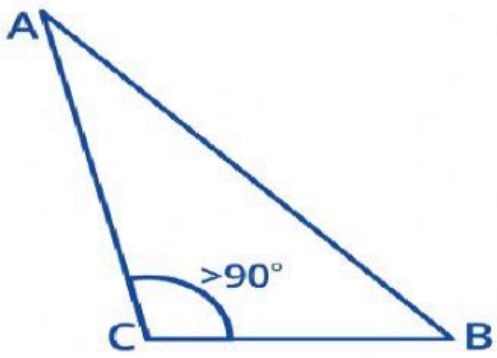
What type of lines are these?

A. Line segment

B. Perpendicular lines

C. Parallel lines

D. Intersecting lines

6. 

Classify this angle?

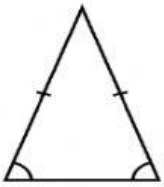
A. Acute

B. Right

C. Obtuse

D. None

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7. 

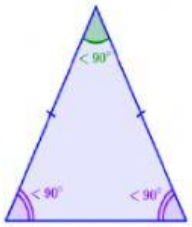
Classify this triangle by its sides.

A. Equilateral triangle

B. Scalene triangle

C. Isosceles triangle

D. None

8. 

Classify this triangle by angles and sides.

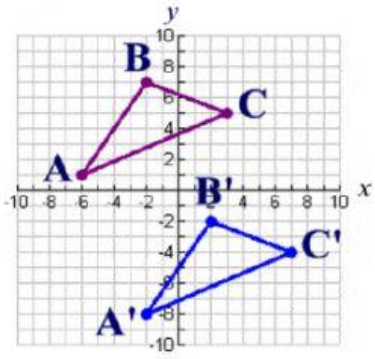
A. Right Scalene

B. Acute Isosceles

C. Obtuse Isosceles

D. Acute Scalene

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9. 

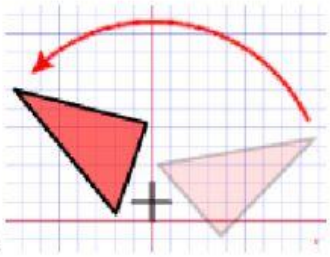
How is triangle ABC being translated to triangle A'B'C'?

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

10. 

This picture is an example of:

A. Rotation

B. Reflection

C. Translation

D. Enlargement

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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

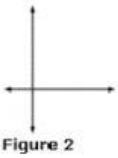


Figure 2



Figure 3



Figure 4

12. Which figure shows a set of perpendicular lines?

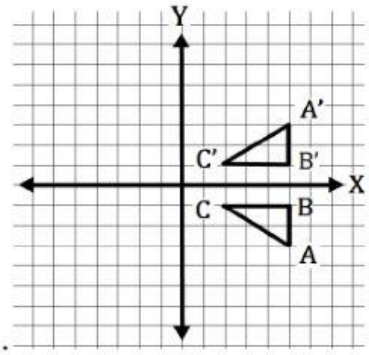
A. Figure 1

B. Figure 2

C. Figure 3

D. Figure 4

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13. 

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° and no equal sides, what type of triangle is it?

A. Acute Isosceles

B. Acute Scalene

C. Obtuse Scalene

D. Obtuse Isosceles

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15. 

Choose the most precise answer: This Building post is

A. Parallel

B. Intersecting

C. Perpendicular

D. None

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