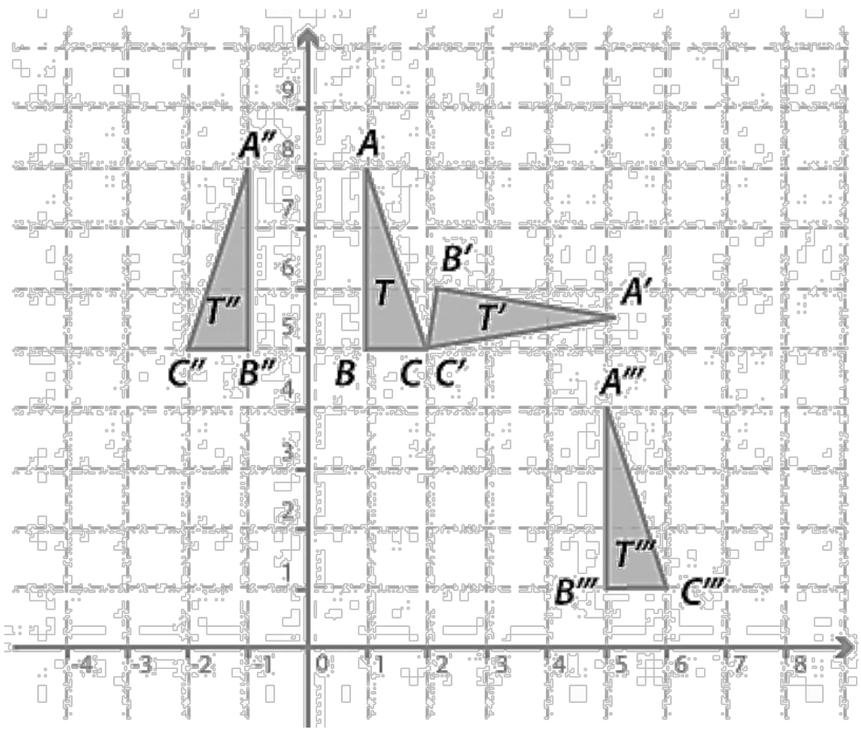
ANGLO AMERICAN SCHOOL
MATH DEPARTMENT
MATH – FIFTH GRADE

Name:_____ **Class:**_____ **Date:** _____, 2026

WORKSHOP-TERM TEST

Read carefully and select just one correct answer.

Andy made some transformations on the Cartesian plane. Identify how each shape has been transformed.

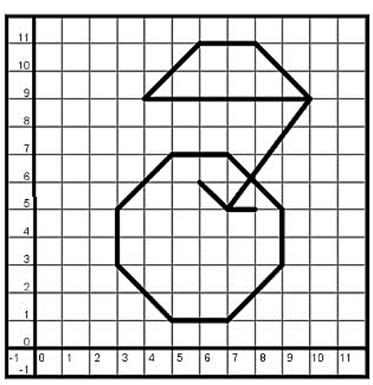


1. Figure **T'** is a _____ of the figure **T.**
   A. Translation
   B. Reflection
   C. Rotation
   D. Enlargement

2. Figure **T''** is a _____ of the figure **T.**
   A. Translation
   B. Reflection
   C. Rotation
   D. Enlargement

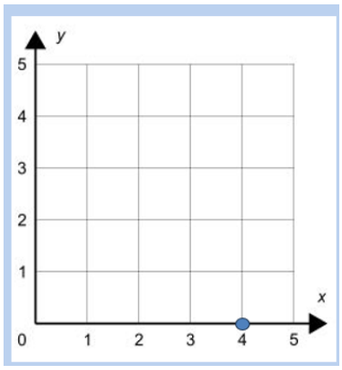
3. Figure **T'''** is a _____ of the figure **T.**
   A. Translation
   B. Reflection
   C. Rotation
   D. Enlargement

4. Monica asks Sebastian which polygons must use to draw the apple, and he says:



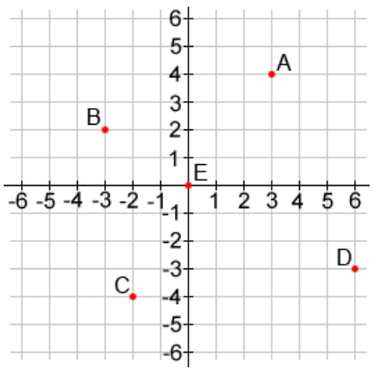
A. Triangle and pentagon.
B. Trapezium and octagon.
C. Trapezoid and heptagon.
D. Triangle and square.

5. What is the coordinate of the point?



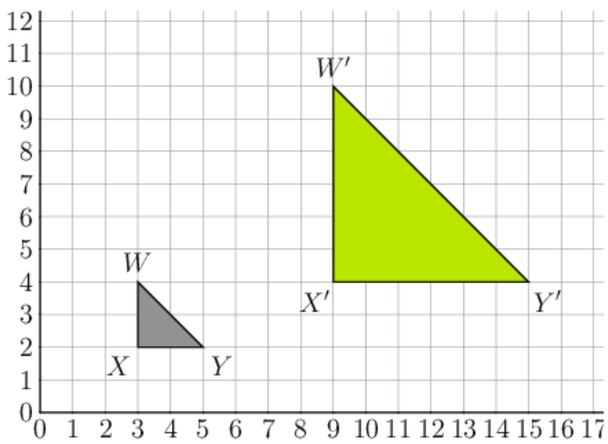
A. (0,4)
B. (4,4)
C. (0,0)
D. (4,0)

6. In which quadrant is point C?



A. Quadrant I.
B. Quadrant II.
C. Quadrant III.
D. Quadrant IV.

7. Henry enlarges a figure on the Cartesian plane. What was the scale factor?



A. 2
B. 3
C. 4
D. 5

8. Andrea tells Diana the next affirmation: “Rotation on the cartesian plane turns a shape but changes the size “. Diana replied that it was incorrect because:

A. Rotation is another way to **reflect** a shape.
B. Rotation **moves or slides** a figure changing only its location.
C. Rotation **flips over** a shape making changes to its shape and size.
D. Rotation **turns** a shape without making any changes to its shape or size.

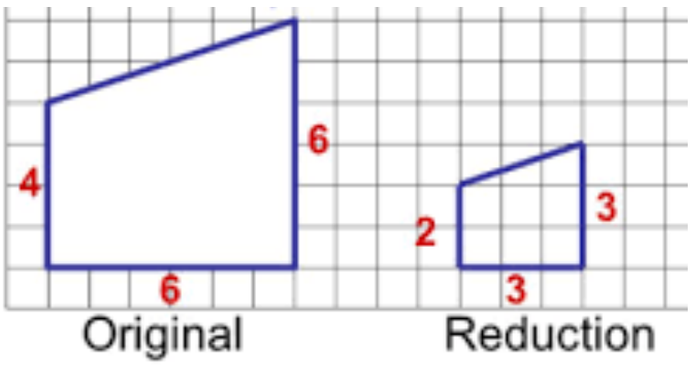
9. Johanna makes the following statements:

I. The quadrants of the Cartesian plane are labeled counterclockwise.
II. The origin is located only in the first quadrant.
III. A full rotation is when a figure turns 180 degrees.
IV. To reflect a figure, it is mandatory to recognize the line of symmetry.

Which statements are correct?

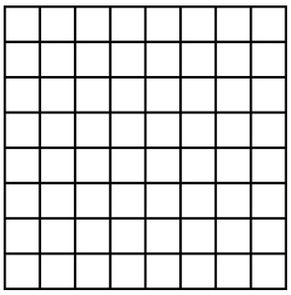
A. I & II.
B. II & III.
C. I & IV.
D. Only III.

10. Angie reduces the figure. What was the scale factor?



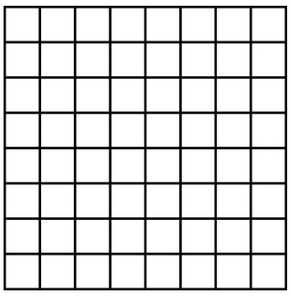
A. 2
B. 1/2
C. 3
D. 1/3

11. Carolina has a Geoplane with the following ordered pairs: A(3,5) and C(5,7). What should be the ordered pairs to form a square?



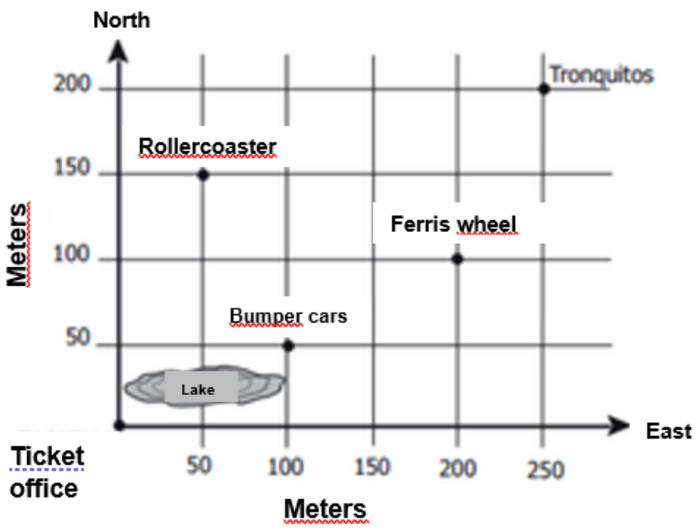
A. It can't be solved; more information is needed about.
B. B(0,0) & D(5,7).
C. B(3,3) & D(4,4,)
D. B(3,7) & D(5,5).

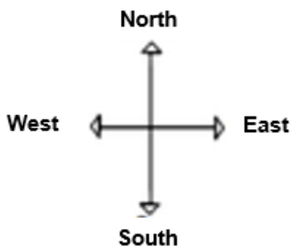
12. Diana has a Geoplane with the following ordered pairs: (2,4) and (2,7). What should be the ordered pairs to form a right triangle?



A. (0,0)
B. (6,4).
C. (4,6).
D. (2,2).

The next graph shows the location of different amusement park's attractions.





13. Mary is located at the ticket office. To go to the bumper cars, she must walk:

A. 100 meters to the east and 50 meters north.
B. 50 meters to the lake and 100 meters to the rollercoaster.
C. 250 meters to the west and 50 meters to the ticker office.
D. 2 units to the right and 1 unit to the south.

14. The carousel will be constructed 50 meters to the south from the rollercoaster and 100 meters east. What is the new location of the carousel?

A. (50 m,100 m).
B. (100 m,100 m).
C. (100 m,150 m).
D. (150 m,100 m).

15. Jeronimo wants to list the attractions in order of distance from the ticket office, the nearest to farthest order is:

A. Tronquitos, Rollercoaster, Bumper Cars, and Ferris Wheel.
B. Bumper cars, Rollercoaster, Ferris Wheel, and Tronquitos.
C. Rollercoaster, Bumper Cars, Ferris Wheel, and Tronquitos.
D. Ferris Wheel, Tronquitos, Bumper Cars and Rollercoaster.

16. Dany has a figure with the following vertices: A(1,4) B(12,4) C(12,1) D(1,1). What is the perimeter of the figure? What is the area of the figure?
P= _____
A= _____

17. Lucy has a figure with the following vertices: E(1,6) F(1,12) G(4,12) H(4,15) I(8,15) J(8,6). What is the perimeter of the figure? What is the area of the figure?
P= _____
A= _____

Draw a cartesian plane (Quadrant I):

1. Plot points A (2,2), B (5,3), C (5,6), D (3,7), E (2,6). Join A with B, B with C, C with D, D with E, E with A.
Move the polygon 7 units to the right and 6 units up.
New ordered pairs:
A'(___ , ___) B'(___ , ___) C'(___ , ___) D'(___ , ___) E'(___ , ___)

2. Plot points A (2,2), B (5,3), C (5,6), D (3,7), E (2,6). Join A with B, B with C, C with D, D with E, E with A.
Draw the line of symmetry at X = 6
Flip the figure over the line of symmetry.
New ordered pairs:
A'(___ , ___) B'(___ , ___) C'(___ , ___) D'(___ , ___) E'(___ , ___)