

Constructing Geometric Shapes on the Coordinate Grid

Please do not write on this sheet. All work must be done on your graph paper and turned in for a grade.

- Plot the following points. Label each vertex with the corresponding letter. A(1,1) B(7,1)
C(3,7)
 - Indicate the shape created.
 - Outline the base and height with a colored pencil.
 - Write the measure of the base.
 - Write the measure of the height.
 - Write the formula used to calculate the area and your answer.
- Plot the following points. Label each vertex with the corresponding letter. D(1,1) E(8,1)
F(1,6)
 - Indicate the shape created.
 - Outline the base and height with a colored pencil.
 - Write the measure of the base.
 - Write the measure of the height.
 - Write the formula to calculate the area and your answer.
- Plot the following points. Label each vertex with the corresponding letter. G(2,1) H(6,1)
(10, 6)
 - Indicate the shape created.
 - Outline the base and height with a colored pencil.
 - Write the measure of the base.
 - Write the measure of the height.
 - Write the formula used to calculate the area and your answer.
- Plot the following points. Label each vertex with the corresponding letter. A(2,1) B(7,1)
C(7,5) D(5,8) E(2,5)
 - Indicate the shape created-this is a composite shape, meaning it is made from combining familiar shapes. You need to divide the shape into two shapes you know how to find the area of and find each area. Then combine your answers to find the total area of the composite shape.
 - Outline the base and height of each figure with a colored pencil.
 - Write the measure of the base for each.
 - Write the measure of the height for each.
 - Write the formula used to calculate the area for each and the answer for each. Then find the total area of the composite shape.