# Teaching Triangles to Visual Learners

#### Edmonia Everett Community Services School

#### **Participants Handouts**

Participants receive folders with Cornell Notes sheets with a grid to record information presented.



#### **Cornnell Notes**



# Problem #1

Given the following coordinates:

- A (1, 2)
- B (3, 4)
- C (3, 1)

Find the perimeter of triangle ABC.

#### Participant 1

 $d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$ =  $\sqrt{(3 - 1)^2 + (4 - 2)^2}$ 2+2 \$2.8

Participant 1 volunteered to find the distance from point A to point B using the distance formula.

### Participant 2



Participant 2 volunteered to find the distance from point A to point C using the distance formula.

### Participant 3



Participant 3 volunteered to find the distance from point A to point C using the Pythagorean Theorem.

> The three distances were then added to find the perimeter of Triangle ABC.

## Problem #2

Given the coordinates: A (-5, 4) B (3, 7) C (3, 4) Find the perimeter of Triangle ABC. This material is based upon work supported by the National Science Foundation under Grant No. 1556006.

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