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**Quadrilateral STEM project** 



Area and Perimeter Challenge



Area of a Triangle

Interactive Notebook



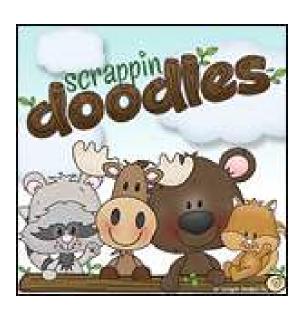
**Area and Perimeter Activity** 

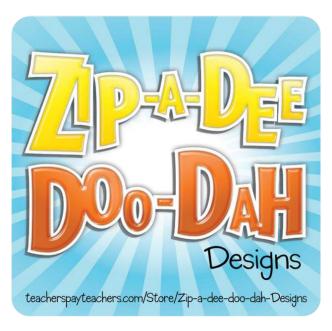


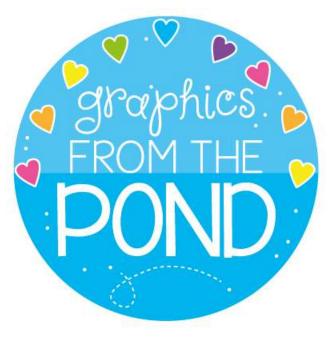
## Clip Art by:

### Elizabeth McCarter









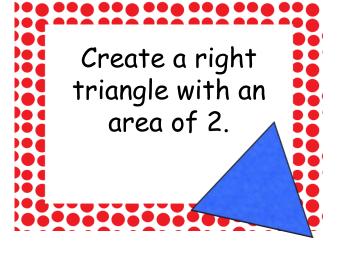
## Triangle Stem Challenges

### <u> Prep - Work</u>

- 1. Print off stem cards
- 2. Cut out the cards and laminate.
- Provide rubber bands and geo boards or you can have them create the triangles on grid paper.

### How To Play

1. Have children read the instructions and follow them to create triangles.



Create a right triangle with an area of 4.

Create a right triangle with an area of 1.

Create a triangle with an area of 3.

Create a triangle with an area of 6

Create a triangle with an area of 8

Make a triangle with a base of 2 and height of 3. What is the area?

Make a triangle with a base of 4 and height of 3. What is the area?

Make a triangle with a base of 1 and height of 2. What is the area?

Make a triangle with a base of 3 and height of 1. What is the area?

Make a triangle with a base of 4 and height of 4. What is the area?

Make a triangle with a base of 2 and height of 4 What is the area?