

# Dear Parents and Guardians,

Each week we would love for your child to complete one of these puzzles. They need to submit their answers by Friday. It is OK if they are incorrect, the idea is to help students persevere and try new and more challenging puzzles.

Every child that submits an answer will receive a certificate they can show to their teacher next year. We hope this is fun and engaging, and that you have great conversations about how they approached solving the problem.

On Saturday we will post the solutions at [www.crr.math.arizona](http://www.crr.math.arizona) on the Remote Learning Tab.

# Week 5 Puzzle



Submit your solution to:

<https://forms.gle/4mdKKW2FBM1otGWD9>

## Problem of the Week Scenario: **Open Middle - Area of a Triangle**

### Area of a Triangle in the Coordinate Plane

Directions: Use the digits 0 to 9, at most one time each, to fill in ordered pairs for all three points, such that the area of Triangle ABC is closest to 6 square units.

A ( \_\_\_\_, \_\_\_\_ )

B ( \_\_\_\_, \_\_\_\_ )

C ( \_\_\_\_, \_\_\_\_ )