Name: _____ Date:_____

A PUZZLING PROJECT

Dear Puzzle Lovers,

Here's a puzzle that will tap into your logical reasoning talents and your recognition of different types of numbers. Once you start, you most likely won't want to stop! And, if you like this puzzle, see the **challenge below.**

Your job: Complete the 3-by-3 grid with nine cells using the given set of numbers. At the end of each row and column is a circle. Circles contain the row and column sums. Some cells contain clues about the numbers to placed in them. Your job is to use the clues to figure out cell numbers.

About the clues: Clues may be types of numbers (e.g., square, prime, perfect). Other clues may present arithmetic computations (e., 4^2 , $\sqrt{25} \times 9^0$). More information about different types of positive and negative numbers may be found online. Be creative!

CUDI (Can U Do It)

- Put these numbers in the squares: 1 2 3 4 5 6 7 8 9
- Put one number in each cell.
- Row and column sums are circles.
- Put these numbers in the circles: 13, 16, 16

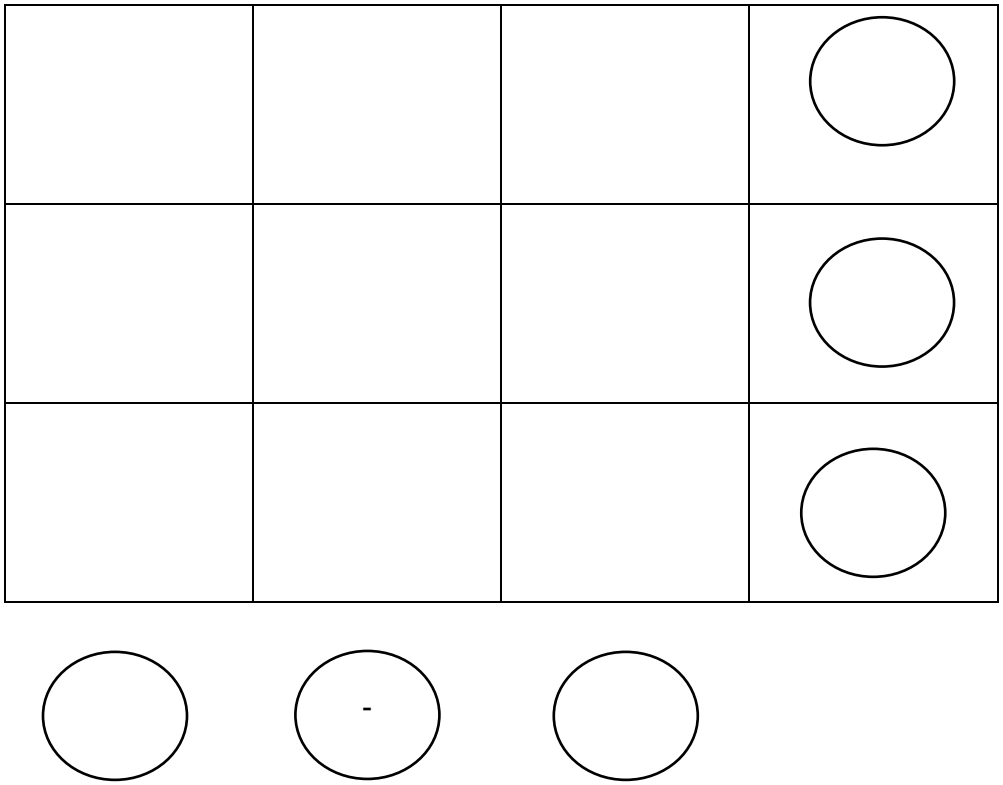
Factor of 49		Even multiple of 3	16
Multiple of 5			
	Factor of all numbers		13
16			

Name: _____ Date:_____

THE "PUZZLING PROJECT" CHALLENGE

ATTENTION! (Teachers, Students, and Parents): Create a puzzle for publication in "PUZZLING PROJECT" online book. Use the grid below to create your clues and sums. Be sure that the solution is unique. Email it to Carole Greenes (cgreenes@asu.edu), along with your name, grade level, and email address. Encourage other students and teachers to create puzzles, as well.

Thanks, in advance,
Carole from "Carole's Corner"



Your name _____

Check one: Student ____ Teacher _____ Parent _____

Grade Level: _____ School: _____

Your Email: _____

Take a photo and then email your CUDI to: cgreenes@asu.edu