BRINGE Junior!

Greatest-Least

Use any of the operations: addition, subtraction, multiplication and division.

An operation may be used more than once.



- 1. Use the numbers: 2, 7, and 8
- 2. Use the numbers: 3, 4, and 16

Create the least answer.

- 3. Use the numbers: 4, 5, and 9
- 4. Use the numbers: 2, 9, and 13

Fifty-Fifty

- 1. What number is 50 more than 50% of 50% of 50?
- 2. What number is 60 more than 60% of 60% of 60% of 60?

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Hidden Triangles

Complete the Chart for Triangle 4

R



Triangle 1	Names of S	Total Number of s
	А	1
Triangle 2	A, B, C, D ABCD	5
Triangle 3 A B C D E F G H I	A, B, C, D, E F, G, H, I ABCD, BEFG,DGHI ABCDEFGHI	13
Triangle 4		

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Balzano is a puzzle that will tap into your logical reasoning abilities. Read the directions carefully, then try your hand at Balzano Shapes.

Directions:

Your job is to figure out the Desired Arrangement (the solution) of three elements (shapes) from clues that provide information about the shapes and their locations. The possible shapes are **circle**, **pentagon**, **hexagon**, **and square**. No shape may be repeated.

The Arrangement Column shows sets of shapes in rows. In the Balzano puzzle below, the

second row, arranged in order from left to right, is: square, circle, pentagon.

Correct Shape in the Correct Place identifies the number of elements that are the correct shape AND are in the right place. The second row has zero shapes in the right place.

Correct Shape in the Wrong Place identifies the number of correct shapes BUT in the wrong place. There are 2 of these in the second row.

Incorrect Shape identifies the number of shapes that do not belong in the arrangement. There is 1 of these in the second row.

Arrangement	Correct shape in correct place	Correct shape in wrong place	Incorrect shape
$\bigcirc \bigcirc \bigcirc$	1	1	1
	0	2	1
$\bigcirc \Box \bigcirc$	0	3	0
$\bigcirc \Box \bigcirc$	1	2	0
	3	0	0

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