Warm-up Activity: Yohaku Puzzles

Yohaku Instructions: Fill in the empty cells so that they have the sum shown in each row.

Example:

		9x
		-2x
-х	8x	+

Possible solutions:

4x	5x	9х
-5x	3x	-2x
-х	8x	+

0	9x	9х
-x	-x	-2x
-х	8x	+

Use your number tiles to solve the Yohaku puzzle below. **Use nine consecutive numbers** to solve.

			18
			15
			3
8	11	17	+

+	42	7
54	12	27
9	21	×
Do not u	se odd r	umbers

			2bc
			$6a^2 + 6ab$
			5 <i>c</i> ²
$a^2 + ab$	10 <i>bc</i>	6c²	×

Each cell must be different

		0.15
		24
10	0.36	×
Sum of 4 cells is 22		

		0.48
		1
4.8	0.1	×
Sum of 4 cells is 5.1		

		$x^2 - 7x + 12$
		$4x^2 + 12x + 9$
$-2x^2+3x+9$	$-2x^2 + 5x + 12$	×

		1 2
		1 15
1/3	1 10	×

Sum of 4 cells is 2.