<u>First Challenge:</u> Make Three Orthogonal Latin Squares

dO	sA	yB	pG
p____	y____	s____	d____
y____	p____	d____	s____
s____	d____	p____	y____

dα	sβ	yγ	pδ
p____	y____	s____	d____
y____	p____	d____	s____
s____	d____	p____	y____

Oα	Aβ	Bγ	Gδ

<u>Second Challenge:</u> Make a 4×4 Magic Square

dO	sA	yB	pG
pA	yO	sG	dB
yG	pB	dA	sO
sB	dG	pO	yA

$$\{d, s, y, p\} = \{1, 2, 3, 4\}$$

$$\{O, A, B, G\} = \{0, 4, 8, 12\}$$

What is the sum of each column, row, and diagonal?

+	+	+	+
+	+	+	+
+	+	+	+
+	+	+	+
