

Rule	(x, y)	(2x, 2y)	(3x, y)	(3x, 3y)	(x, 3y)
Square	Original	1st Variation	2nd Variation	3rd Variation	4th Variation
Point	Figure 1	Figure 1	Figure 1	Figure 1	Figure 1
A	(2, 2)	(4, 4)	(6, 2)	(6, 6)	(2, 6)
B	(2, 8)	(4, 16)	(6, 8)	(6, 24)	(2, 24)
C	(8, 8)	(16, 16)	(24, 8)	(24, 24)	(8, 24)
D	(8, 2)	(16, 4)	(24, 2)	(24, 6)	(8, 6)
Rule	(x, y)	(2x, 2y)	(3x, y)	(3x, 3y)	(x, 3y)
Triangle	Original	1st Variation	2nd Variation	3rd Variation	4th Variation
Point	Figure 2	Figure 2	Figure 2	Figure 2	Figure 2
E	(2, 2)	(4, 4)	(6, 2)	(6, 6)	(2, 6)
F	(6, 10)	(12, 20)	(18, 10)	(18, 30)	(6, 30)
G	(10, 2)	(20, 4)	(30, 2)	(30, 6)	(10, 6)
Rule	(x, y)	(2x, 2y)	(3x, y)	(3x, 3y)	(x, 3y)
Trapezoid	Original	1st Variation	2nd Variation	3rd Variation	4th Variation
Point	Figure 3	Figure 3	Figure 3	Figure 3	Figure 3
H	(2, 2)	(4, 4)	(6, 2)	(6, 6)	(2, 6)
I	(4, 8)	(8, 16)	(12, 8)	(12, 24)	(4, 24)
J	(8, 8)	(16, 16)	(24, 8)	(24, 24)	(8, 24)
K	(10, 2)	(20, 4)	(30, 2)	(30, 6)	(10, 6)
Rule	(x, y)	(2x, 2y)	(3x, y)	(3x, 3y)	(x, 3y)
Parallelogram	Original	1st Variation	2nd Variation	3rd Variation	4th Variation
Point	Figure 4	Figure 4	Figure 4	Figure 4	Figure 4
L	(2, 2)	(4, 4)	(6, 2)	(6, 6)	(2, 6)
M	(4, 6)	(8, 12)	(12, 6)	(12, 18)	(4, 18)
N	(12, 6)	(24, 12)	(36, 6)	(36, 18)	(12, 18)
O	(10, 2)	(20, 4)	(30, 2)	(30, 6)	(10, 6)