Add	Mul	Min	Max
1: x+y	1: x*y	1 : min(x,y)	1: max(x,y)
		0: min(max(x,k),y)	0: max(min(x,k),y)
		0: min(max(y,k),x)	0: max(min(y,k),x) 0: max(min(k-x,y),x)
		0: min(max(k-x,y),x)	0: max(min(k-x,y),x)