With presedence

W = 5 \* (g + d + a) – 3 \* (h + b + c + i + f)

NW = 5 \* (b + d + a) – 3 \* (h + g + c + i + f)

8\*(max(g,b) + (d+a))

N = 5 \* (b + c + a) – 3 \* (h + g + d + i + f)

NE = 5 \* (b + c + f) – 3 \* (a + d + g + h + i)

8\*(max(a,f) + (b+c))

E = 5 \* (c + f + i) – 3 \* (a + b + d + g + h)

SE = 5 \* (f + **i + h**) – 3 \* (a + b + c + d + g)

8\*(max(c,h) + (i+f))

S = 5 \* (g **+ i + h**) – 3 \* (a + b + c + d + f)

SW = 5 \* (g + d + h) – 3 \* (a + b + c + i + f)

8\*(max(i,d) + (g+h))