

	step 1	step 2	Step 3	code
O	$\frac{1}{3}$ $\frac{8}{24}$	0	0	0 0
T	$\frac{5}{24}$	0	1	0
B	$\frac{1}{8}$ $\frac{3}{24}$	1	0	1 0 0
A	$\frac{1}{8}$ $\frac{3}{24}$	1	0	1 0
E	$\frac{1}{8}$ $\frac{3}{24}$	1	1	1 1 0
N	$\frac{1}{12}$ $\frac{2}{24}$	1	1	1 1 1