

		step 1	step 2	step 3	code
O	$\frac{1}{3}$ $\frac{8}{24}$	0	0		00
T	$\frac{5}{24}$	0	1		01
				0	100
B	$\frac{1}{8}$ $\frac{3}{24}$	1	0		
R	$\frac{1}{8}$ $\frac{3}{24}$	1	0	1	101
E	$\frac{1}{8}$ $\frac{3}{24}$	1	1	0	110
N	$\frac{1}{12}$ $\frac{2}{24}$	1	1	1	111