Format A		Format B		Comments
Bits	Value	Bits	Value	
1 01111 001	$-\dfrac{9}{8}$	1 0111 0010	$-\dfrac{9}{8}$	
0 10110 011	176	0 1110 0110	176	
1 00111 010	$-\dfrac{5}{1024}$	1 0000 0101	$-\dfrac{5}{1024}$	Norm$\rightarrow$ denorm
0 00000 111	$\dfrac{7}{131072}$	0 0000 0001	$\dfrac{1}{1024}$	Smallest positive denorm
1 11100 000	-8192	1 1110 1111	-248	Smallest number $> -\infty$
0 10111 100	384	0 1111 0000	$+\infty$	Round to∞