

$x$	$\text{fl}(x)$	$\left  \frac{\text{fl}(x) - x}{x} \right $
$\frac{1}{3}$	$0.1010101011 * 2^{-1}$	$4.9 * 10^{-4}$
$\sqrt{2}$	$0.1011010100 * 2^1$	$1.1 * 10^{-4}$
$e^{-10}$	$0.1011111010 * 2^{-111}$	$3.3 * 10^{-4}$
$e^{10}$	$0.1010110000 * 2^{1111}$	$4.8 * 10^{-4}$
$\frac{1}{10}$	$0.1100110011 * 2^{-11}$	$2.4 * 10^{-4}$