a) $A > 0$, $B > 0$

$M_A = \quad .0100\ 0010\ 1000$

$M_B = \overset{+}{\quad} .1100\ 0111\ 1100$

———————————

$M_C = 1.0000\ 1010\ 0100$

Результат сложения денормализован влево

$M_C = \quad .1000\ 0101\ 0010$

$X_C = X_C + 1 = 8$

$\boxed{0\ |\ 1000\ 1000\ |\ 0001\ 1111}$ (crossed out)

$\boxed{0\ |\ 1000\ 1000\ |\ 0000\ 1010\ 010}$

$C^* = (0.1000\ 0101\ 0010)_2 \times 2^8$

$\quad = \approx 133.125$

$\Delta C = 133.15 - 133.125$

$\quad = 0.025$

$\delta C\ \delta_C = \left| \dfrac{0.025}{C_1} \right| \times 100\% = 0.02\%$