**Floating point addition and multiplication**

1. Convert the given number to binary and add them (rounding off is not necessary)

a. 1.2345 + (-4.567)

2. Multiply the given binary numbers (rounding off is not necessary)

a. 1.0011 X 2-2 and 1.111 X 2-1

b. 1.111 X 2-1 and -1.001 X 2-3