3.
$$\beta = 1000 - - 000$$

a) Entier non-signé:
$$p = 2^0 + 2^{31} = 2147483649$$

b) Par Volum rignie:
$$0 \mid 00 \dots 001 \rightarrow \beta = -[00 \dots 001] = -2 = -1$$

c) En C1: $0 \mid 00 \dots 001 \rightarrow \beta = -[11 \dots 110] = -\frac{30}{2} 2^{i} = -2147483646$
d) En C2: $0 \mid 00 \mid 001 \rightarrow \beta = -[11 \dots 110] = -\frac{30}{2} 2^{i} = -2147483647$

$$\frac{100}{11} = \frac{30}{30} = \frac{30}{11} = \frac{3$$

$$\beta = \frac{1}{1} = \frac{1}{15} = \frac{1}{1$$

$$\beta = 1 \mid 00 \dots 00 \mid 0 \dots 1$$

$$Shits: exposont 23 hits: montage$$

$$S = 1 \implies \beta < 0$$

$$en_{\beta} = 00...00 = 0 \text{ dec} \implies exp = e + 127$$

$$\Leftrightarrow e = -127 \text{ Con entreme}$$

montisse dénormalisée

$$M = 00 - 01 = 2^{-22}$$

$$P = -2^{-22} \cdot 2^{-22} = -2^{-22}$$