Lab 2 Conversions 2, 8, 10, 16

Convert the following bases

$$= 1 \times 2^{-1} + 1 \times 2^{-2} + 1 \times 2$$

$$0.25_8 = \frac{2}{8} \times 8^{-1} + \frac{5}{5} \times 8^{-2}$$

$$= \frac{2}{8} + \frac{5}{64}$$

$$= \frac{21}{64}$$

$$0.25_{16} = 2 \times 10^{-1} + 5 \times 10^{-1}$$

$$=\frac{2}{10}+\frac{5}{250}$$