CMPEN 331 Exam 2 Review

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February 18, 2023

1 Floating Point

1.1 Floating Point Representation

$$\text{How would you represent the value 4.125 in binary?} \qquad (1)$$

What is the following single-precision float in decimal? 10101101001100011011000110110001
$$\qquad (2)$$

1.2 Floating Point Operations

2 Solutions

1:

 2: