

Chap 12 (Week 15)

組別 45

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Convert 1 10000010 1011010000000000000000 to Decimal

1. The number is positive or negative? negative
2. The unbiased exponent is 3.
3. Combining the sign, exponent, and significand, the binary number is
- 1.101101 $\times 2^3$.
4. The unnormalized binary number is -1101.101.
5. The decimal value is -13.625.