

1.0x

Courseware **Course Info** Discussion Wiki **Progress Discussion Guidelines** Resources **Exploring Engineering** Syllabus How to Use Jade BINARY INTEGERS PART I

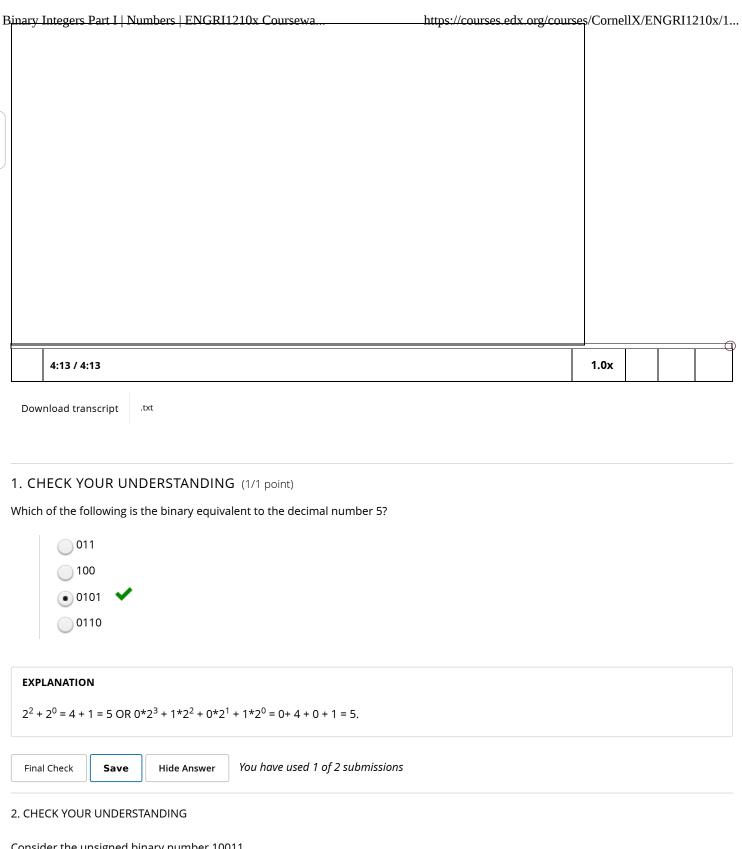
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BINARY INTEGERS PART II

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Consider the unsigned binary number 10011.

Help

2 A. CHECK YOUR UNDERSTANDING (1/1 point)

What is the weight of the leftmost position?

Help



64

EXPLANATION

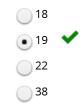
The leftmost bit is in the 4th position, so has weight $2^4 = 16$.

Hide Answer

You have used 2 of 2 submissions

2 B. CHECK YOUR UNDERSTANDING (1/1 point)

What is the decimal value of the number?



EXPLANATION

 $1*2^4 + 0*2^3 + 0*2^2 + 1*2^1 + 1*2^0 = 16 + 0 + 0 + 2 + 1 = 19$.

Final Check

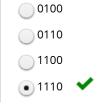
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3. CHECK YOUR UNDERSTANDING (1/1 point)

What is the result of adding the unsigned binary numbers 1011 and 0011?



EXPLANATION



3 of Anal Check





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