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## 2.2 Practice: Binomial Coefficients [OPTIONAL]

### 2.2 Practice Problem 1 [OPTIONAL]

0 points possible (ungraded)

Calculate the entries in Pascal's triangle down to the row where  $n = 9$ , and verify that the sum of the coefficients in that row is equal to 512

Select "Yes" to indicate that you did this.

☒ Yes

☐ No

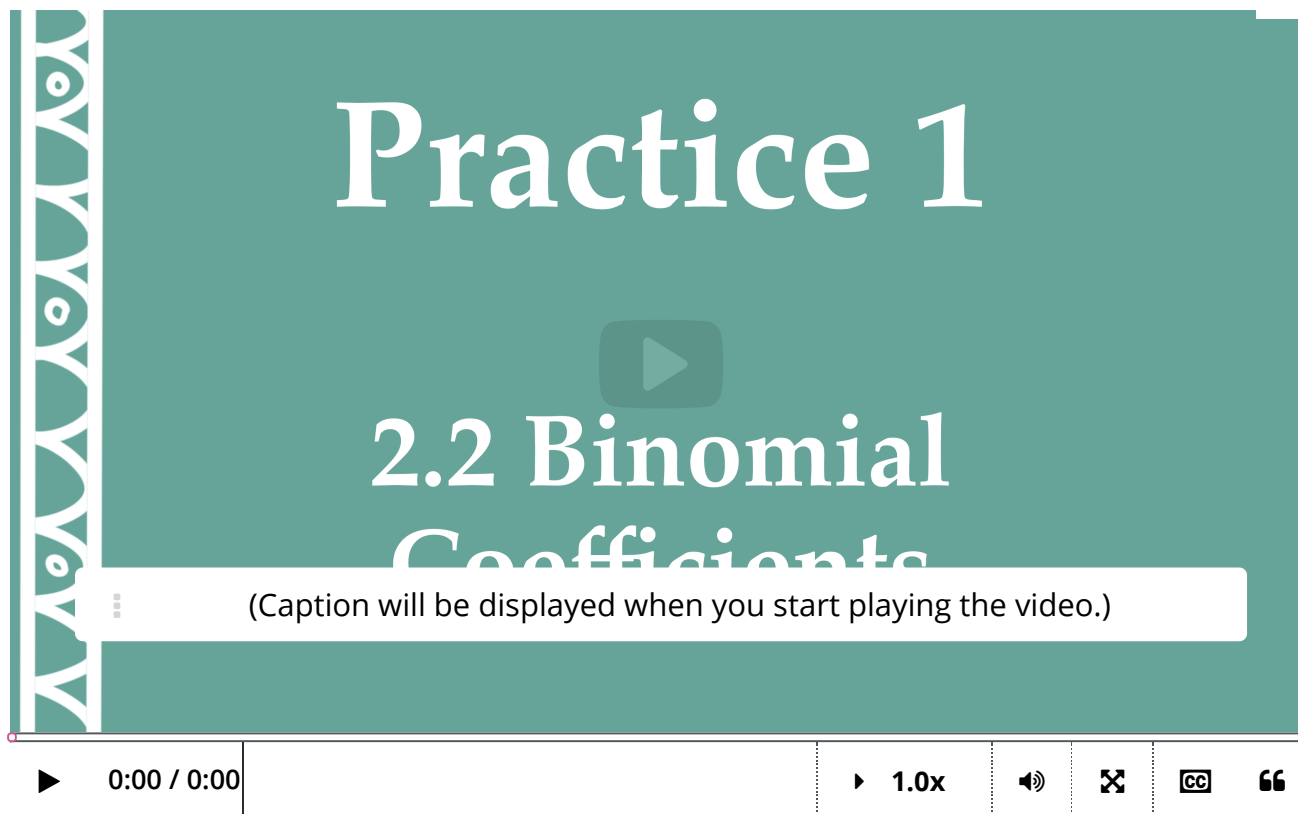


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✓ Correct

## 2.2 Office Hours for Practice Problem 1





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## 2.2 Practice Problem 2 [OPTIONAL]

0 points possible (ungraded)

What identity do we get when we substitute the values  $a = 1$  and  $b = -1$  into the binomial theorem?

sum = 0

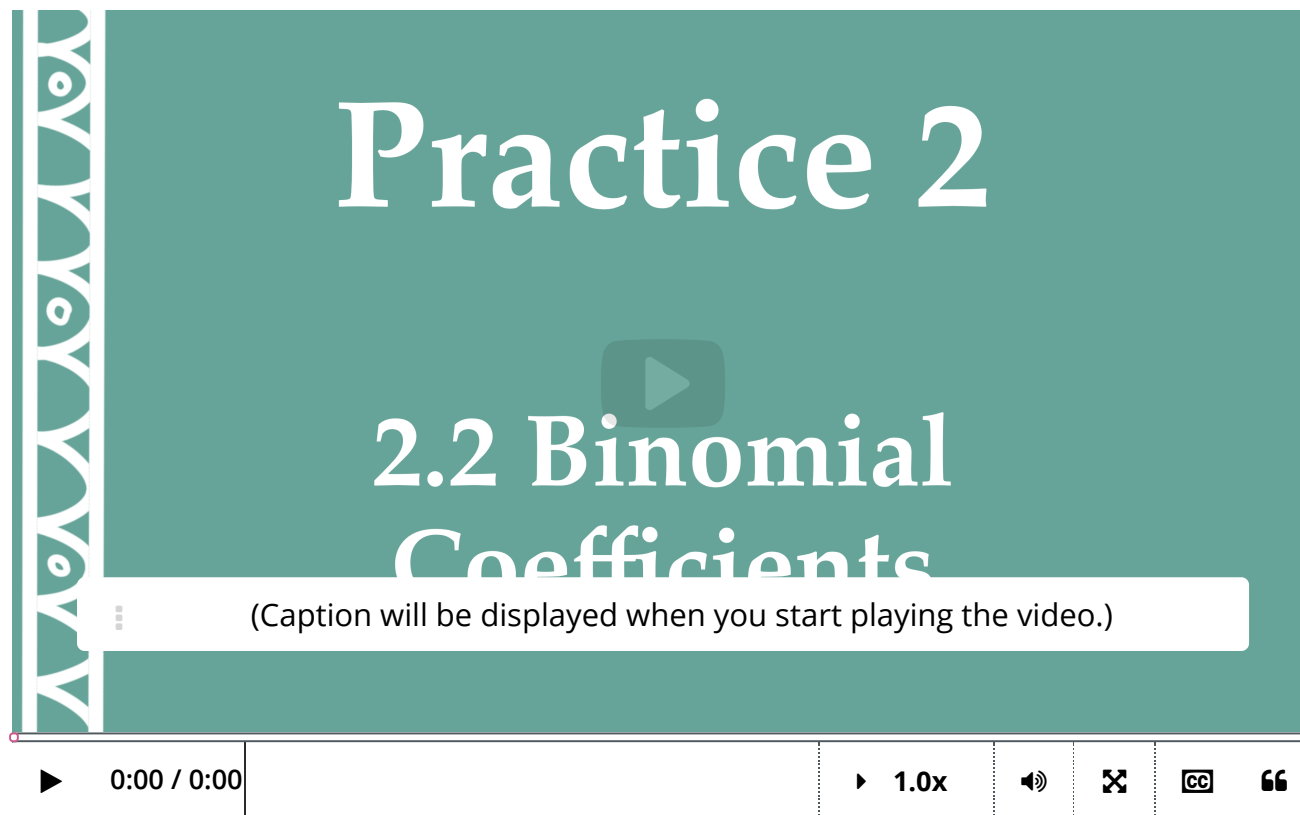


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## 2.2 Office Hours for Practice Problem 2



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