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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.

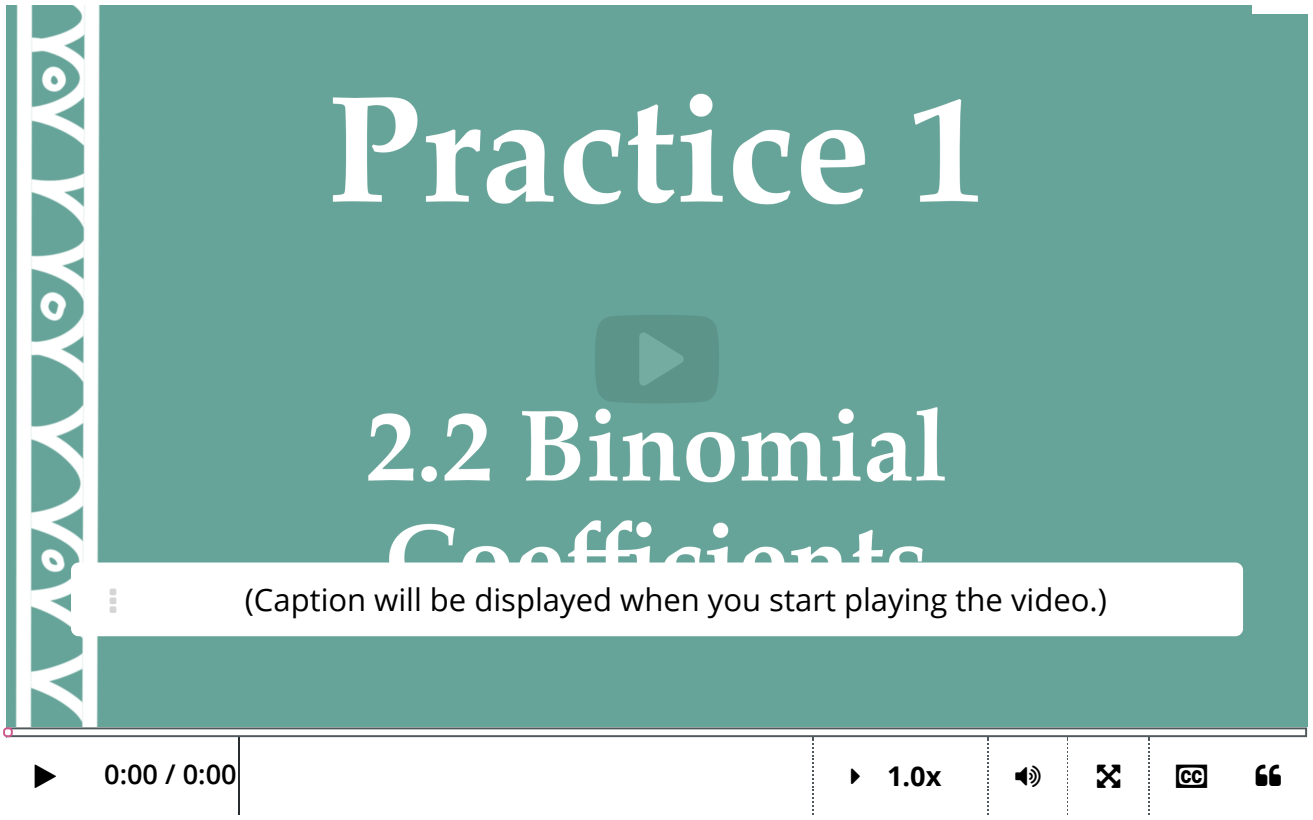
- (•) Yes
- ( ) No

✔

Submit

✔ Correct

## 2.2 Office Hours for Practice Problem 1

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## 2.2 Practice Problem 2 [OPTIONAL]

0 points possible (ungraded)

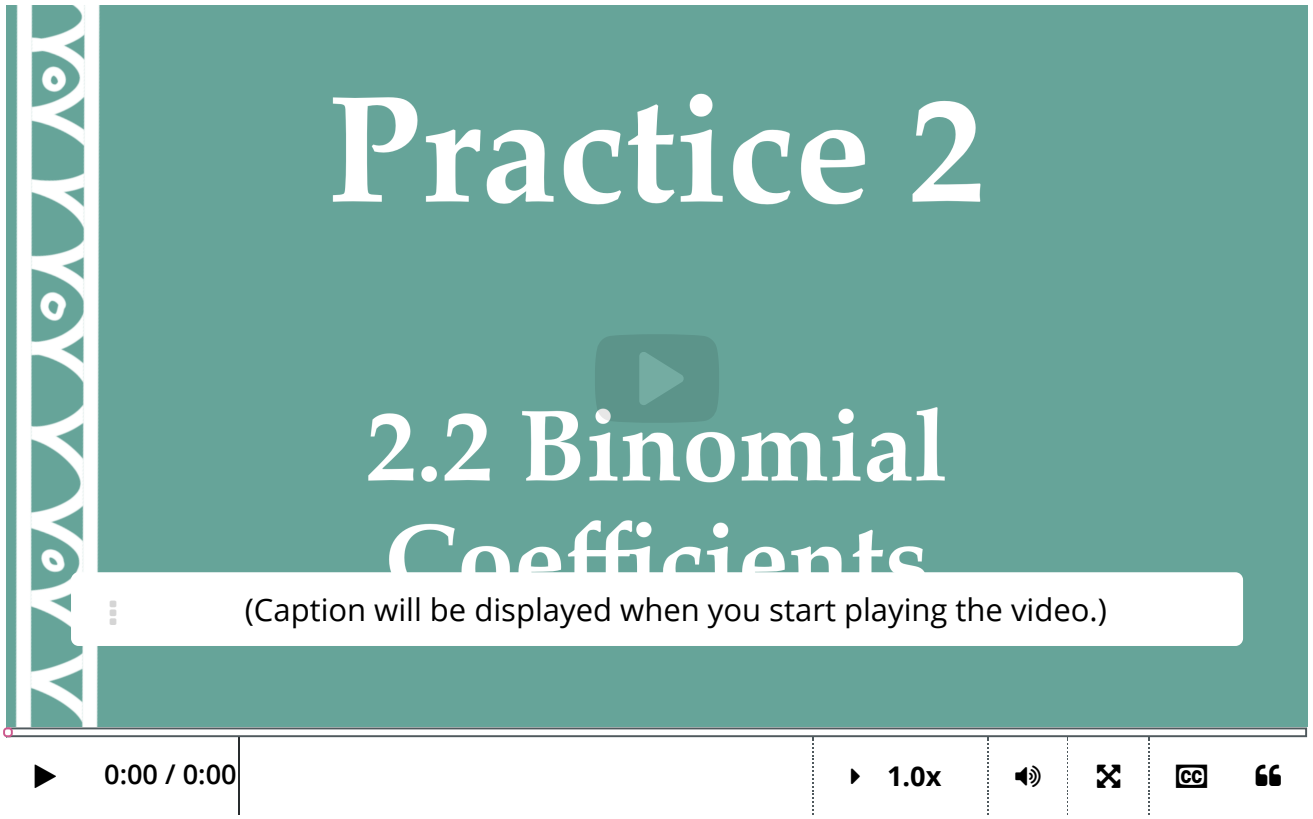
What identity do we get when we substitute the values $a = 1$ and $b = -1$ into the binomial theorem?

sum = 0

Submit

✔ Correct

## 2.2 Office Hours for Practice Problem 2

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