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## 2.4 Practice: Multinomials

### 2.4 Practice Problem 1

0 points possible (ungraded)

It's a beautiful spring day, so you and your 14 siblings have decided to go on a picnic. Your uncle who owns a deli has provided sandwiches: five ham and cheese, five turkey, and five egg salad. How many ways are there of distributing the sandwiches to everyone including yourself? *Choose the best answer.*

☐  $\binom{14!}{5, 5, 5}$

☐  $\binom{14}{5} \times \binom{9}{5}$

☐  $\frac{15!}{5! \times 5!}$

☒  $\frac{15!}{5! \times 5! \times 5!}$

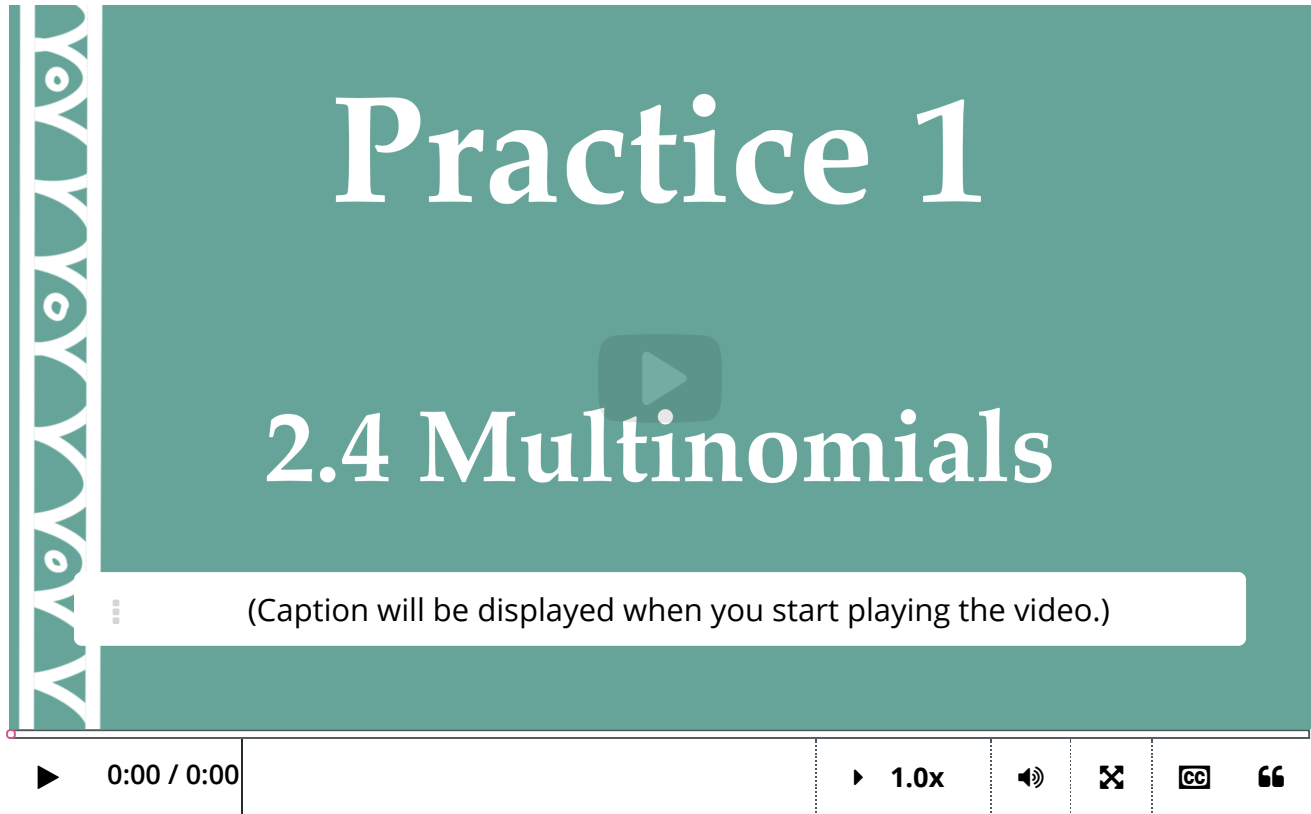


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✓ Correct

## 2.4 Office Hours for Practice Problem 1



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## 2.4 Practice Problem 2.a

0 points possible (ungraded)

Consider these six-letter words: "TOTTER," "TURRET," "RETORT," "PEPPER" and "TSETSE."

Which of these words have the most anagrams? *Select all that apply.*

☐ TOTTER

☒ TURRET



☒ RETORT☐ PEPPER☐ TSETSESubmit

✓ Correct

## 2.4 Practice Problem 2.b

0 points possible (ungraded)

Consider these six-letter words: "TOTTER," "TURRET," "RETORT," "PEPPER" and "TSETSE."

Which of these words has the fewest anagrams? *Choose the best answer.*

☐ TOTTER☐ TURRET☐ RETORT☒ PEPPER☐ TSETSESubmit

✓ Correct

## 2.4 Office Hours for Practice Problem 2



# Practice 2

## 2.4 Multinomials

(Caption will be displayed when you start playing the video.)



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1.0x



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