

Minimum edit distance

In the video exercise, you saw how minimum edit distance is used to identify how similar two strings are. As a reminder, minimum edit distance is the minimum number of steps needed to reach from ***String A*** to ***String B***, with the operations available being:

- **Insertion** of a new character.
- **Deletion** of an existing character.
- **Substitution** of an existing character.
- **Transposition** of two existing consecutive characters.

What is the minimum edit distance from 'sign' to 'sing' , and which operation(s) gets you there?

✓

 Answer the question

50XP

Possible Answers

Select one answer

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 2 by substituting 'g' with 'n' and 'n' with 'g' .

PRESS 1

☒

 1 by transposing 'g' with 'n' .

PRESS 2

☐

 1 by substituting 'g' with 'n' .

PRESS 3

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 2 by deleting 'g' and inserting a new 'g' at the end.

PRESS 4