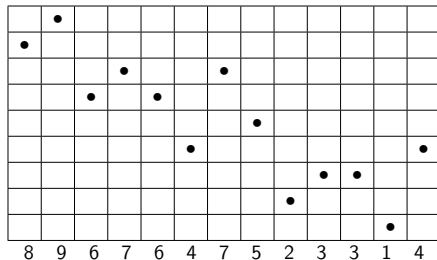


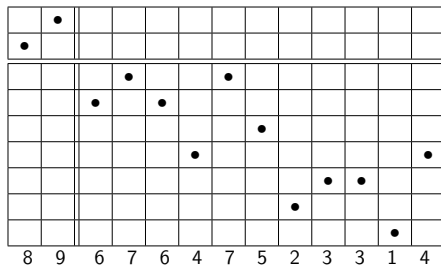
Algorithm on 8967647523314

$F^*(8967647523314)$



Global descent factorization

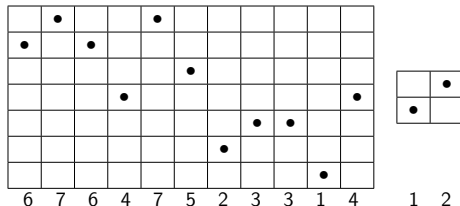
$F^*(8967647523314)$



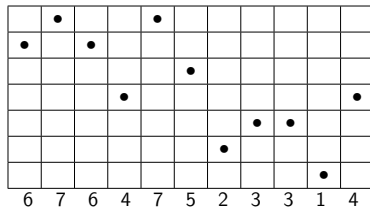
Algorithm on 8967647523314

$$F^*(8967647523314) = \\ T^*(67647523314) T^*(12)$$

Global descent factorization +
packing + swaping

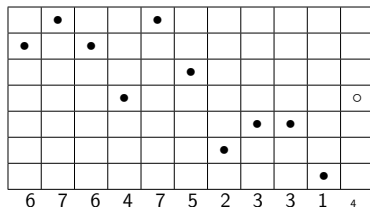


$$T^*(67647523314)T^*(12)$$



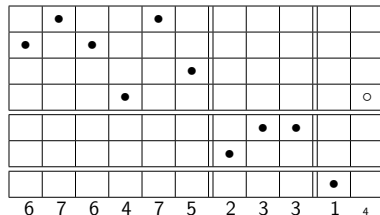
Remove the last letter

$$T^*(67647523314)T^*(12)$$



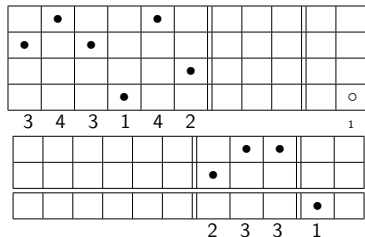
Global descent factorization

$$T^*(67647523314)T^*(12)$$

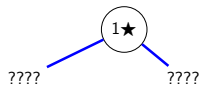


Two groups of factors

$$T^*(67647523314)T^*(12)$$

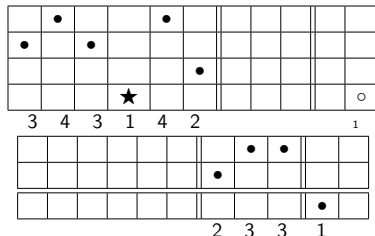


$$T^*(67647523314) T^*(12) =$$

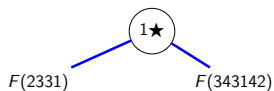


$T^*(12)$

Is the value of last letter in the rest of the word?



Algorithm on 8967647523314

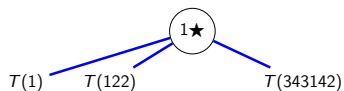


$T^*(12)$

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| • | | | • | | | |
| | | | | | | • |
| | | | • | | | |
| 3 | 4 | 3 | 1 | 4 | 2 | |

Algorithm on 8967647523314



$T^*(12)$ 1

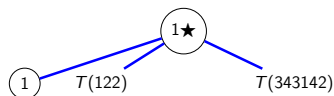
| | | |
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1 2 2

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| | | | • | | |

3 4 3 1 4 2

Algorithm on 8967647523314



$T^*(12)$

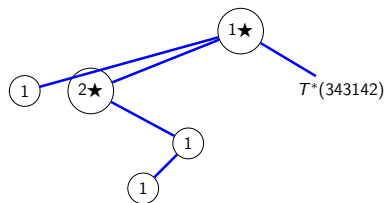
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3 4 3 1 4 2

Algorithm on 8967647523314



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| ● | | |

1 2 2

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| ● | | ● | | | |
| | | | | | ● |
| | | | ● | | |

3 4 3 1 4 2

$T^*(12)$

Algorithm on 8967647523314

