

Name:

## Hilfsaufgaben\_Lösungen

09.01.2025

[illegible][illegible][illegible]

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|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| A                            | u | f | g | a | b | e |   | 1 |   |   |   |   |
| 2                            | 7 | 3 | + | 9 | 8 | = | 3 | 7 | 1 |   |   |   |
| <i>Mögliche Hilfsaufgabe</i> |   |   |   |   |   |   |   |   |   |   |   |   |
| 2                            | 7 | 3 | + | 1 | 0 | 0 | - | 2 | = | 3 | 7 | 1 |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
| A                            | u | f | g | a | b | e |   | 2 |   |   |   |   |
| 9                            | 4 | 6 | - | 2 | 9 | 6 | = | 6 | 5 | 0 |   |   |
| <i>Mögliche Hilfsaufgabe</i> |   |   |   |   |   |   |   |   |   |   |   |   |
| 9                            | 4 | 6 | - | 3 | 0 | 0 | + | 4 | = | 6 | 5 | 0 |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |
|                              |   |   |   |   |   |   |   |   |   |   |   |   |

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|-----------------------|---|---|---|---|---|---|---|---|---|---|---|
| A                     | u | f | g | a | b | e |   | 1 |   |   |   |
| 4                     | 9 | 9 | + | 6 | 4 | = | 5 | 6 | 3 |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
| Mögliche Hilfsaufgabe |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
| 5                     | 0 | 0 | + | 6 | 4 | - | 1 | = | 5 | 6 | 3 |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
| A                     | u | f | g | a | b | e |   | 2 |   |   |   |
| 7                     | 8 | 3 | - | 4 | 0 | 3 | = | 3 | 8 | 0 |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
| Mögliche Hilfsaufgabe |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
| 7                     | 8 | 0 | - | 4 | 0 | 0 | = | 3 | 8 | 0 |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
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| A                     | u | f | g | a | b | e |   | 1 |   |   |   |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|
| 3                     | 9 | 8 | + | 2 | 7 | 6 | = | 6 | 7 | 4 |   |
| Mögliche Hilfsaufgabe |   |   |   |   |   |   |   |   |   |   |   |
| 4                     | 0 | 0 | + | 2 | 7 | 6 | - | 2 | = | 6 | 7 |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
| A                     | u | f | g | a | b | e |   | 2 |   |   |   |
| 5                     | 4 | 0 | - | 2 | 9 | 8 | = | 2 | 4 | 2 |   |
| Mögliche Hilfsaufgabe |   |   |   |   |   |   |   |   |   |   |   |
| 5                     | 4 | 0 | - | 3 | 0 | 0 | + | 2 | = | 2 | 4 |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
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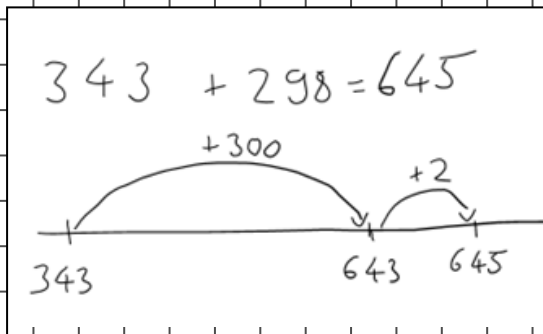
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|          |          |          |          |          |          |          |   |          |   |   |  |  |
|----------|----------|----------|----------|----------|----------|----------|---|----------|---|---|--|--|
| <b>A</b> | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>1</b> |   |   |  |  |
| 2        | 9        | 7        | +        | 1        | 7        | 8        | = | 4        | 7 | 5 |  |  |

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 0 | 0 | + | 1 | 7 | 8 | - | 3 | = | 4 | 7 | 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|
| A | u | f | g | a | b | e | 2 |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|

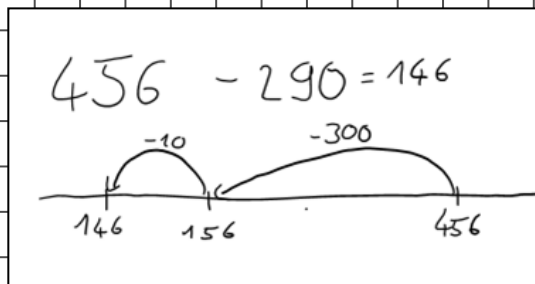


|          |          |          |          |          |          |          |   |          |   |   |  |  |
|----------|----------|----------|----------|----------|----------|----------|---|----------|---|---|--|--|
| <b>A</b> | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>1</b> |   |   |  |  |
| 6        | 9        | 9        | +        | 2        | 3        | 4        | = | 9        | 3 | 3 |  |  |

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 0 | 0 | + | 2 | 3 | 4 | - | 1 | = | 9 | 3 | 3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|
| A | u | f | g | a | b | e | 2 |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|



|          |          |          |          |          |          |          |   |          |   |   |  |  |
|----------|----------|----------|----------|----------|----------|----------|---|----------|---|---|--|--|
| <b>A</b> | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>1</b> |   |   |  |  |
| 4        | 1        | 3        | +        | 4        | 8        | 7        | = | 9        | 0 | 0 |  |  |

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|---|---|---|--|--|
| 4 | 0 | 0 | + | 5 | 0 | 0 | = | 9 | 0 | 0 |  |  |
|---|---|---|---|---|---|---|---|---|---|---|--|--|

|   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|
| A | u | f | g | a | b | e | 2 |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |          |   |   |   |   |  |  |  |  |
|---|---|---|---|----------|---|---|---|---|--|--|--|--|
| 4 | 9 | 7 | + | <u>5</u> | = | 5 | 0 | 2 |  |  |  |  |
|---|---|---|---|----------|---|---|---|---|--|--|--|--|

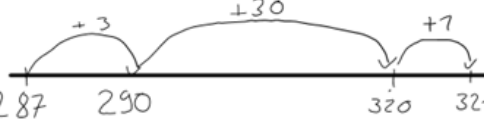
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| A                     | u | f | g | a        | b | e |   | 1 |   |   |  |  |
|-----------------------|---|---|---|----------|---|---|---|---|---|---|--|--|
| 4                     | 8 | 1 | + | 2        | 1 | 9 | = | 7 | 0 | 0 |  |  |
| Mögliche Hilfsaufgabe |   |   |   |          |   |   |   |   |   |   |  |  |
| 5                     | 0 | 0 | + | 2        | 0 | 0 | = | 7 | 0 | 0 |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
| A                     | u | f | g | a        | b | e |   | 2 |   |   |  |  |
| 4                     | 7 | 1 | - | 4        | 6 | 8 | = | 3 |   |   |  |  |
| Mögliche Hilfsaufgabe |   |   |   |          |   |   |   |   |   |   |  |  |
| 4                     | 6 | 8 | + | <u>3</u> | = | 4 | 7 | 1 |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |
|                       |   |   |   |          |   |   |   |   |   |   |  |  |

|                       |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|
| A                     | u | f | g | a | b | e |   | 1 |   |   |   |
| 5                     | 9 | 0 | + | 1 | 4 | 6 | = | 7 | 3 | 6 |   |
| Mögliche Hilfsaufgabe |   |   |   |   |   |   |   |   |   |   |   |
| 5                     | 9 | 0 | + | 1 | 5 | 0 | - | 4 | = | 7 | 3 |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
| A                     | u | f | g | a | b | e |   | 2 |   |   |   |
| 2                     | 4 | 2 | - | 1 | 9 | 9 | = | 4 | 3 |   |   |
| Mögliche Hilfsaufgabe |   |   |   |   |   |   |   |   |   |   |   |
| 2                     | 4 | 2 | - | 2 | 0 | 0 | + | 1 | = | 4 | 3 |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |
|                       |   |   |   |   |   |   |   |   |   |   |   |

|                                                                                                                                                                                                                                  |   |   |   |          |   |   |   |   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|----------|---|---|---|---|--|
| A                                                                                                                                                                                                                                | u | f | g | a        | b | e | 1 |   |  |
| <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"><math display="block">321 - 287 = 33</math></div> |   |   |   |          |   |   |   |   |  |
| A                                                                                                                                                                                                                                | u | f | g | a        | b | e | 2 |   |  |
| 6                                                                                                                                                                                                                                | 8 | 1 | - | 6        | 7 | 9 | = | 2 |  |
| Mögliche Hilfsaufgabe                                                                                                                                                                                                            |   |   |   |          |   |   |   |   |  |
| 6                                                                                                                                                                                                                                | 7 | 9 | + | <u>2</u> | = | 6 | 8 | 1 |  |



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|----------|----------|----------|----------|----------|----------|----------|---|----------|---|---|--|--|
| <b>A</b> | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>1</b> |   |   |  |  |
| 2        | 5        | 1        | +        | 1        | 4        | 9        | = | 4        | 0 | 0 |  |  |

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|---|---|---|--|--|
| 2 | 5 | 0 | + | 1 | 5 | 0 | = | 4 | 0 | 0 |  |  |
|---|---|---|---|---|---|---|---|---|---|---|--|--|

|   |   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|---|--|--|--|--|
| A | u | f | g | a | b | e |   | 2 |  |  |  |  |
| 6 | 4 | - | 1 | 8 | = | 4 | 6 |   |  |  |  |  |

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |   |   |   |   |   |   |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|
| 6 | 4 | - | 2 | 0 | + | 2 | = | 4 | 6 |  |  |  |
|---|---|---|---|---|---|---|---|---|---|--|--|--|

|          |          |          |          |          |          |          |   |          |   |   |  |  |
|----------|----------|----------|----------|----------|----------|----------|---|----------|---|---|--|--|
| <b>A</b> | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>1</b> |   |   |  |  |
| 3        | 9        | 4        | +        | 4        | 7        | 6        | = | 8        | 7 | 0 |  |  |

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|---|---|---|--|--|
| 4 | 0 | 0 | + | 4 | 7 | 0 | = | 8 | 7 | 0 |  |  |
|---|---|---|---|---|---|---|---|---|---|---|--|--|

|   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|
| A | u | f | g | a | b | e | 2 |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|

$357 - 198 = 155$

A number line diagram illustrating the subtraction  $357 - 198 = 155$ . The number line has three points marked: 155, 157, and 357. A curved arrow labeled  $-2$  points from 157 to 155. Another curved arrow labeled  $-200$  points from 357 to 157.

|          |          |          |          |          |          |          |   |          |   |  |  |  |
|----------|----------|----------|----------|----------|----------|----------|---|----------|---|--|--|--|
| <b>A</b> | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>1</b> |   |  |  |  |
| 2        | 9        | 4        | -        | 2        | 7        | 8        | = | 1        | 6 |  |  |  |

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| Mögliche Hilfsaufgabe |
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|   |   |   |   |                 |                 |   |   |   |   |  |  |  |
|---|---|---|---|-----------------|-----------------|---|---|---|---|--|--|--|
| 3 | 7 | 8 | + | <u><b>1</b></u> | <u><b>6</b></u> | = | 2 | 9 | 4 |  |  |  |
|---|---|---|---|-----------------|-----------------|---|---|---|---|--|--|--|

|   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|
| A | u | f | g | a | b | e | 2 |  |  |  |  |
|---|---|---|---|---|---|---|---|--|--|--|--|

$$\begin{array}{rcl} 136 & + & 216 = 360 \\ \downarrow +4 & & \downarrow +4 \\ 140 & + & 220 = 360 \end{array}$$

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|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|-----------------------|----------|----------|----------|----------|----------|----------|---|----------|---|---|---|---|
| <b>A</b>              | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>1</b> |   |   |   |   |
| 5                     | 4        | 3        | +        | 2        | 9        | =        | 5 | 7        | 2 |   |   |   |
| Mögliche Hilfsaufgabe |          |          |          |          |          |          |   |          |   |   |   |   |
| 5                     | 4        | 3        | +        | 3        | 0        | -        | 1 | =        | 5 | 7 | 2 |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
| <b>A</b>              | <b>u</b> | <b>f</b> | <b>g</b> | <b>a</b> | <b>b</b> | <b>e</b> |   | <b>2</b> |   |   |   |   |
| 3                     | 5        | 4        | -        | 9        | 7        | =        | 2 | 5        | 7 |   |   |   |
| Mögliche Hilfsaufgabe |          |          |          |          |          |          |   |          |   |   |   |   |
| 3                     | 5        | 4        | -        | 1        | 0        | 0        | + | 3        | = | 2 | 5 | 7 |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |
|                       |          |          |          |          |          |          |   |          |   |   |   |   |

|                              |   |   |   |          |          |   |   |   |   |   |  |  |
|------------------------------|---|---|---|----------|----------|---|---|---|---|---|--|--|
| A                            | u | f | g | a        | b        | e |   | 1 |   |   |  |  |
| 5                            | 0 | 6 | + | 3        | 9        | 4 | = | 9 | 0 | 0 |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
| <i>Mögliche Hilfsaufgabe</i> |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
| 5                            | 0 | 0 | + | 4        | 0        | 0 | = | 9 | 0 | 0 |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
| A                            | u | f | g | a        | b        | e |   | 2 |   |   |  |  |
| 3                            | 1 | 4 | - | 2        | 9        | 9 | = | 1 | 5 |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
| <i>Mögliche Hilfsaufgabe</i> |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
| 2                            | 9 | 9 | + | <u>1</u> | <u>5</u> | = | 3 | 1 | 4 |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
|                              |   |   |   |          |          |   |   |   |   |   |  |  |
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