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Внетабличное умножение

1. Рассмотрите образец внетабличного умножения. Решите примеры по образцу.

$$\begin{array}{r} 24 \\ / \quad \backslash \\ 20 \quad 4 \end{array} \cdot 2 = 20 \cdot 2 + 4 \cdot 2 = 40 + 8 = 48$$

$$\begin{array}{r} 12 \\ / \quad \backslash \\ 10 \quad 2 \end{array} \cdot 2 = 10 \cdot 2 + 2 \cdot 2 =$$

$$\begin{array}{r} 13 \\ / \quad \backslash \\ 10 \quad 3 \end{array} \cdot 2 = 10 \cdot 2 + 3 \cdot \quad =$$

$$\begin{array}{r} 14 \\ / \quad \backslash \\ 10 \quad 4 \end{array} \cdot 2 = 10 \cdot 2 + 4 \cdot \quad =$$

$$\begin{array}{r} 15 \\ / \quad \backslash \\ 10 \quad 5 \end{array} \cdot 2 = 10 \cdot \quad + 5 \cdot \quad =$$

$$\begin{array}{r} 16 \\ / \quad \backslash \\ 10 \quad 6 \end{array} \cdot 2 = 10 \cdot \quad + 6 \cdot \quad =$$

$$\begin{array}{r} 17 \\ / \quad \backslash \\ 10 \quad 7 \end{array} \cdot 2 = 10 \cdot \quad + 7 \cdot \quad =$$

$$\begin{array}{r} 18 \\ / \quad \backslash \\ 10 \quad 8 \end{array} \cdot 2 = 10 \cdot \quad + \quad \cdot \quad =$$

$$\begin{array}{r} 19 \\ / \quad \backslash \\ 10 \quad 9 \end{array} \cdot 2 = 10 \cdot \quad + \quad \cdot \quad =$$



$$\begin{array}{r} 11 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 1 \end{array}$$

$$\begin{array}{r} 12 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 2 \end{array}$$

$$\begin{array}{r} 13 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 3 \end{array}$$

$$\begin{array}{r} 14 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 4 \end{array}$$

$$\begin{array}{r} 15 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 5 \end{array}$$

$$\begin{array}{r} 16 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 6 \end{array}$$

$$\begin{array}{r} 17 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 7 \end{array}$$

$$\begin{array}{r} 18 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 8 \end{array}$$

$$\begin{array}{r} 19 \cdot 3 = 10 \cdot \\ / \quad \backslash \\ 10 \quad 9 \end{array}$$

$$\begin{array}{r} 21 \cdot 4 = 20 \cdot \\ / \quad \backslash \\ 20 \quad 1 \end{array}$$

$$\begin{array}{r} 22 \cdot 4 = 20 \cdot \\ / \quad \backslash \\ 20 \quad 2 \end{array}$$

$$\begin{array}{r} 23 \cdot 4 = 20 \cdot \\ \swarrow \searrow \\ 20 \quad 3 \end{array}$$

$$\begin{array}{r} 24 \cdot 4 = 20 \cdot \\ \swarrow \searrow \\ 20 \quad 4 \end{array}$$

$$\begin{array}{r} 25 \cdot 4 = 20 \cdot \\ \swarrow \searrow \\ 20 \quad 5 \end{array}$$

$$\begin{array}{r} 26 \cdot 4 = 20 \cdot \\ \swarrow \searrow \\ 20 \quad 6 \end{array}$$

$$\begin{array}{r} 27 \cdot 4 = 20 \cdot \\ \swarrow \searrow \\ 20 \quad 7 \end{array}$$

$$\begin{array}{r} 28 \cdot 4 = 20 \cdot \\ \swarrow \searrow \\ 20 \quad 8 \end{array}$$

$$\begin{array}{r} 31 \cdot 5 = 30 \cdot \\ \swarrow \searrow \\ 30 \quad 1 \end{array}$$

К

А

В

Ч

Р

И

У

Расшифруй название русской народной сказки.

108	155	92	96	100	112	104	92	96

2. Рассмотрим образец внетабличного умножения. Реши примеры по образцу.



$$\begin{array}{r} 32 \cdot 5 = 150 + 10 = 160 \\ \begin{array}{r} / \quad \backslash \\ 30 \quad 2 \end{array} \end{array}$$

$$\begin{array}{r} 33 \cdot 5 = 150 + \\ \begin{array}{r} / \quad \backslash \\ 30 \end{array} \end{array}$$

$$\begin{array}{r} 34 \cdot 5 = \quad + \\ \begin{array}{r} / \quad \backslash \\ 30 \end{array} \end{array}$$

$$\begin{array}{r} 35 \cdot 5 = \quad + \\ \begin{array}{r} / \quad \backslash \\ \quad 5 \end{array} \end{array}$$

$$\begin{array}{r} 36 \cdot 5 = \quad + \\ \begin{array}{r} / \quad \backslash \\ \quad 6 \end{array} \end{array}$$

$$\begin{array}{r} 37 \cdot 5 = \quad + \\ \begin{array}{r} / \quad \backslash \\ \quad 7 \end{array} \end{array}$$

$$\begin{array}{r} 38 \cdot 5 = \quad + \\ \begin{array}{r} / \quad \backslash \\ \quad 8 \end{array} \end{array}$$

$$\begin{array}{r} 39 \cdot 5 = \quad + \\ \begin{array}{r} / \quad \backslash \\ \quad 9 \end{array} \end{array}$$

$$\begin{array}{r} 41 \cdot 6 = 240 + \\ \begin{array}{r} / \quad \backslash \\ 40 \quad 1 \end{array} \end{array}$$

$$\begin{array}{r} 42 \cdot 6 = 240 + \\ \swarrow \searrow \\ 40 \quad 2 \end{array}$$

$$\begin{array}{r} 43 \cdot 6 = \quad + 18 \\ \swarrow \searrow \\ \quad 3 \end{array}$$

$$\begin{array}{r} 44 \cdot 6 = \quad + 24 \\ \swarrow \searrow \\ \quad 4 \end{array}$$

$$\begin{array}{r} 45 \cdot 6 = \quad + \\ \swarrow \searrow \\ 40 \quad 5 \end{array}$$

$$\begin{array}{r} 46 \cdot 6 = \quad + \\ \swarrow \searrow \\ 40 \end{array}$$

$$\begin{array}{r} 47 \cdot 6 = \quad + \\ \swarrow \searrow \\ 40 \end{array}$$

$$\begin{array}{r} 48 \cdot 6 = \quad + \\ \swarrow \searrow \\ \quad 8 \end{array}$$

$$\begin{array}{r} 49 \cdot 6 = \quad + \\ \swarrow \searrow \\ \quad 9 \end{array}$$

$$\begin{array}{r} 51 \cdot 7 = 350 + \\ \swarrow \searrow \\ 50 \quad 1 \end{array}$$

$$\begin{array}{r} 52 \cdot 7 = \quad + 14 \\ \swarrow \searrow \\ 50 \quad 2 \end{array}$$

$$\begin{array}{r} 53 \cdot 7 = \quad + 21 \\ \swarrow \searrow \\ 50 \quad 3 \end{array}$$

O
$$\begin{array}{r} 54 \cdot 7 = 350 + \\ \swarrow \searrow \\ 4 \end{array}$$

P
$$\begin{array}{r} 55 \cdot 7 = 350 + \\ \swarrow \searrow \\ 50 \end{array}$$

E
$$\begin{array}{r} 56 \cdot 7 = 350 + \\ \swarrow \searrow \\ 50 \end{array}$$

M
$$\begin{array}{r} 57 \cdot 7 = \quad + 49 \\ \swarrow \searrow \\ 50 \quad 7 \end{array}$$

K
$$\begin{array}{r} 58 \cdot 7 = \quad + 56 \\ \swarrow \searrow \\ 8 \end{array}$$

T
$$\begin{array}{r} 59 \cdot 7 = \quad + 63 \\ \swarrow \searrow \\ 9 \end{array}$$

E
$$\begin{array}{r} 61 \cdot 8 = 480 + \\ \swarrow \searrow \\ 60 \quad 1 \end{array}$$

Расшифруй название русской народной сказки.

4	1	3	3	9	2	3	8	5	4	8	8	3	9	9	3	7	8	4	0	6

$$\begin{array}{r} 62 \cdot 8 = 480 + \\ \swarrow \searrow \\ 60 \end{array}$$

$$\begin{array}{r} 63 \cdot 8 = \quad + 24 \\ \swarrow \searrow \\ 60 \end{array}$$

$$\begin{array}{r} 64 \cdot 8 = \quad + 32 \\ \swarrow \searrow \\ 60 \end{array}$$

$$\begin{array}{r} 65 \cdot 8 = 480 + \\ \swarrow \searrow \\ \quad 5 \end{array}$$

$$\begin{array}{r} 66 \cdot 8 = 480 + \\ \swarrow \searrow \\ \quad 6 \end{array}$$

$$\begin{array}{r} 67 \cdot 8 = \quad + 56 \\ \swarrow \searrow \\ \quad 7 \end{array}$$

$$\begin{array}{r} 68 \cdot 8 = \quad + 64 \\ \swarrow \searrow \\ 60 \end{array}$$

$$\begin{array}{r} 69 \cdot 8 = 480 + \\ \swarrow \searrow \\ \quad 9 \end{array}$$

$$\begin{array}{r} 71 \cdot 9 = 630 + \\ \swarrow \searrow \\ 70 \quad 1 \end{array}$$

$$\begin{array}{r} 72 \cdot 9 = \quad + 18 \\ \swarrow \searrow \\ 70 \end{array}$$

$$\begin{array}{r} 73 \cdot 9 = \quad + 27 \\ \swarrow \searrow \\ 70 \end{array}$$

3. Рассмотрим образец внетабличного умножения. Реши примеры по образцу.



$$\begin{array}{r} 13 \cdot 3 = 39 \\ \begin{array}{r} / \quad \backslash \\ 10 \quad 3 \end{array} \end{array}$$

$$\begin{array}{r} 29 \cdot 5 = 145 \\ \begin{array}{r} / \quad \backslash \\ 20 \quad 9 \end{array} \end{array}$$

$$\begin{array}{r} 15 \cdot 2 = \\ \begin{array}{r} / \quad \backslash \\ 10 \end{array} \end{array}$$

$$\begin{array}{r} 34 \cdot 5 = \\ \begin{array}{r} / \quad \backslash \\ 30 \end{array} \end{array}$$

$$\begin{array}{r} 24 \cdot 5 = \\ \begin{array}{r} / \quad \backslash \\ \quad 4 \end{array} \end{array}$$

$$\begin{array}{r} 42 \cdot 2 = \\ \begin{array}{r} / \quad \backslash \\ \quad 2 \end{array} \end{array}$$

$$\begin{array}{r} 29 \cdot 3 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 12 \cdot 8 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 25 \cdot 4 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 11 \cdot 9 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 19 \cdot 5 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 15 \cdot 7 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 14 \cdot 7 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 27 \cdot 3 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 18 \cdot 2 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 26 \cdot 2 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 17 \cdot 3 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 48 \cdot 3 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 16 \cdot 4 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 34 \cdot 3 = \\ \begin{array}{r} / \quad \backslash \end{array} \end{array}$$

$$\begin{array}{r} 22 \\ / \quad \backslash \end{array} \cdot 4 =$$

$$\begin{array}{r} 28 \\ / \quad \backslash \end{array} \cdot 9 =$$

$$\begin{array}{r} 18 \\ / \quad \backslash \end{array} \cdot 6 =$$

$$\begin{array}{r} 45 \\ / \quad \backslash \end{array} \cdot 7 =$$

$$\begin{array}{r} 21 \\ / \quad \backslash \end{array} \cdot 7 =$$

$$\begin{array}{r} 15 \\ / \quad \backslash \end{array} \cdot 6 =$$

$$\begin{array}{r} 38 \\ / \quad \backslash \end{array} \cdot 4 =$$

$$\begin{array}{r} 27 \\ / \quad \backslash \end{array} \cdot 7 =$$

$$\begin{array}{r} 53 \\ / \quad \backslash \end{array} \cdot 2 =$$

$$\begin{array}{r} 29 \\ / \quad \backslash \end{array} \cdot 5 =$$

$$\begin{array}{r} 33 \\ / \quad \backslash \end{array} \cdot 3 =$$

$$\begin{array}{r} 75 \\ / \quad \backslash \end{array} \cdot 2 =$$

$$\begin{array}{r} 24 \\ / \quad \backslash \end{array} \cdot 4 =$$

$$\begin{array}{r} 52 \\ / \quad \backslash \end{array} \cdot 4 =$$

$$\begin{array}{r} 46 \\ / \quad \backslash \end{array} \cdot 4 =$$

$$\begin{array}{r} 18 \\ / \quad \backslash \end{array} \cdot 9 =$$

$$\begin{array}{r} 35 \\ / \quad \backslash \end{array} \cdot 7 =$$

$$\begin{array}{r} 63 \\ / \quad \backslash \end{array} \cdot 2 =$$

$$\begin{array}{r} 15 \\ / \quad \backslash \end{array} \cdot 3 =$$

$$\begin{array}{r} 55 \\ / \quad \backslash \end{array} \cdot 3 =$$

$$\begin{array}{r} 16 \\ / \quad \backslash \end{array} \cdot 3 =$$

$$\begin{array}{r} 34 \\ / \quad \backslash \end{array} \cdot 4 =$$

$$\begin{array}{r} 8 \cdot 56 = \\ / \quad \backslash \end{array}$$

Ж

$$\begin{array}{r} 57 \cdot 4 = \\ / \quad \backslash \end{array}$$

А

$$\begin{array}{r} 73 \cdot 9 = \\ / \quad \backslash \end{array}$$

К

$$\begin{array}{r} 62 \cdot 7 = \\ / \quad \backslash \end{array}$$

М

$$\begin{array}{r} 5 \cdot 59 = \\ / \quad \backslash \end{array}$$

И

$$\begin{array}{r} 9 \cdot 34 = \\ / \quad \backslash \end{array}$$

К

$$\begin{array}{r} 72 \cdot 8 = \\ / \quad \backslash \end{array}$$

Я

$$\begin{array}{r} 49 \cdot 8 = \\ / \quad \backslash \end{array}$$

К

$$\begin{array}{r} 4 \cdot 89 = \\ / \quad \backslash \end{array}$$

Е

$$\begin{array}{r} 6 \cdot 27 = \\ / \quad \backslash \end{array}$$

Н

$$\begin{array}{r} 55 \cdot 6 = \\ / \quad \backslash \end{array}$$

О

$$\begin{array}{r} 5 \cdot 64 = \\ / \quad \backslash \end{array}$$

А

$$\begin{array}{r} 2 \cdot 99 = \\ / \quad \backslash \end{array}$$

И

$$\begin{array}{r} 42 \cdot 6 = \\ / \quad \backslash \end{array}$$

Т

Расшифруй название русской народной сказки.

162295657198252228

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306330448356434576392320

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Внетабличное деление

1. Рассмотрите образец внетабличного деления. Решите примеры по образцу.

$$\begin{array}{r} 24 : 2 = 20 : 2 + 4 : 2 = 10 + 2 = 12 \\ \begin{array}{r} 24 \\ \diagup \quad \diagdown \\ 20 \quad 4 \end{array} \end{array}$$

$$\begin{array}{r} 22 : 2 = 20 : 2 + 2 : 2 = \\ \begin{array}{r} 22 \\ \diagup \quad \diagdown \\ 20 \quad 2 \end{array} \end{array}$$

$$\begin{array}{r} 26 : 2 = 20 : 2 + 6 : \\ \begin{array}{r} 26 \\ \diagup \quad \diagdown \\ 20 \quad 6 \end{array} \end{array}$$

$$\begin{array}{r} 28 : 2 = 20 : \quad + 8 : \\ \begin{array}{r} 28 \\ \diagup \quad \diagdown \\ 20 \quad 8 \end{array} \end{array}$$

$$\begin{array}{r} 30 : 2 = 20 : \quad + 10 : \\ \begin{array}{r} 30 \\ \diagup \quad \diagdown \\ 20 \quad 10 \end{array} \end{array}$$

$$\begin{array}{r} 32 : 2 = 20 : \quad + 12 : \\ \begin{array}{r} 32 \\ \diagup \quad \diagdown \\ 20 \quad 12 \end{array} \end{array}$$

$$\begin{array}{r} 34 : 2 = 20 : \quad + 14 : \\ \begin{array}{r} 34 \\ \diagup \quad \diagdown \\ 20 \quad 14 \end{array} \end{array}$$

$$\begin{array}{r} 36 : 2 = 20 : \quad + \\ \begin{array}{r} 36 \\ \diagup \quad \diagdown \\ 20 \quad 16 \end{array} \end{array}$$

$$\begin{array}{r} 38 : 2 = 20 : \quad + \\ \begin{array}{r} 38 \\ \diagup \quad \diagdown \\ 20 \quad 18 \end{array} \end{array}$$

