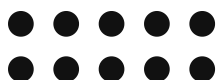


Arrays: Write the Multiplication

1 / 6

Write rows $\times$ the number in each row. Then write the turnaround.



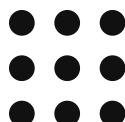
$$\boxed{} \times \boxed{} = \boxed{}$$

$$\boxed{} \times \boxed{} = \boxed{}$$



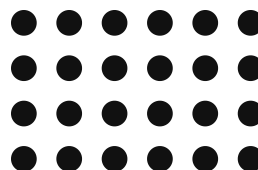
$$\boxed{} \times \boxed{} = \boxed{}$$

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$$\boxed{} \times \boxed{} = \boxed{}$$

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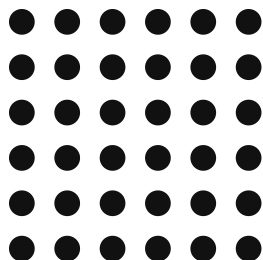
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Arrays: Write the Multiplication

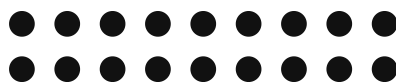
2 / 6

Write rows $\times$ the number in each row. Then write the turnaround.



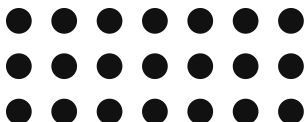
$$\square \times \square = \square$$

$$\square \times \square = \square$$



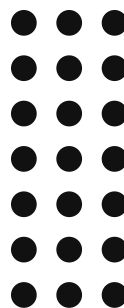
$$\square \times \square = \square$$

$$\square \times \square = \square$$



$$\square \times \square = \square$$

$$\square \times \square = \square$$



$$\square \times \square = \square$$

$$\square \times \square = \square$$



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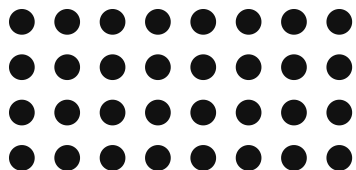
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Arrays: Write the Multiplication

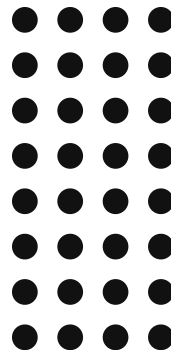
3 / 6

Write rows $\times$ the number in each row. Then write the turnaround.



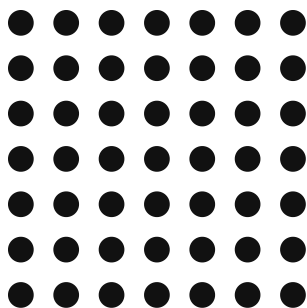
$$\square \times \square = \square$$

$$\square \times \square = \square$$



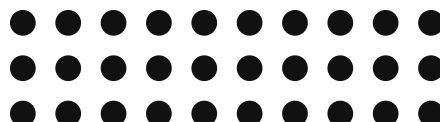
$$\square \times \square = \square$$

$$\square \times \square = \square$$



$$\square \times \square = \square$$

$$\square \times \square = \square$$



$$\square \times \square = \square$$

$$\square \times \square = \square$$



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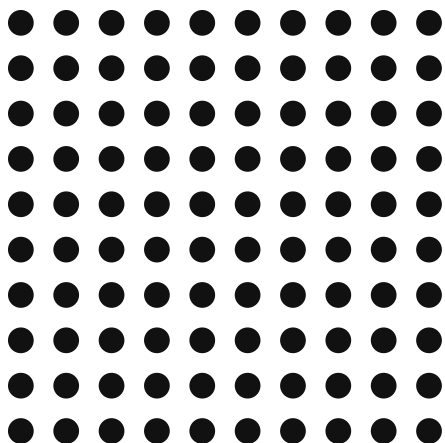
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Arrays: Write the Multiplication

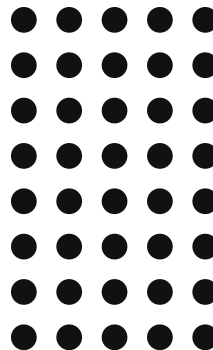
4 / 6

Write rows $\times$ the number in each row. Then write the turnaround.



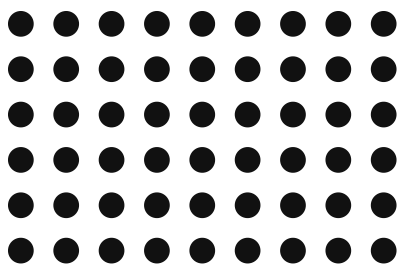
$$\square \times \square = \square$$

$$\square \times \square = \square$$



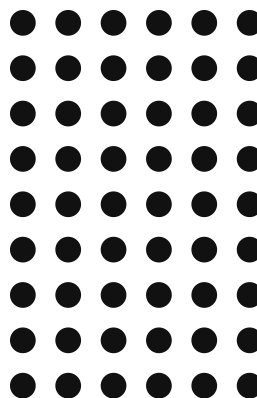
$$\square \times \square = \square$$

$$\square \times \square = \square$$



$$\square \times \square = \square$$

$$\square \times \square = \square$$



$$\square \times \square = \square$$

$$\square \times \square = \square$$



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Write the Multiplication: Answer Key

5 / 6

For the grown-up. Each red number sits where your child writes it.

Page 1



$$\begin{array}{l} 2 \times 5 = 10 \\ 5 \times 2 = 10 \end{array}$$



$$\begin{array}{l} 5 \times 2 = 10 \\ 2 \times 5 = 10 \end{array}$$

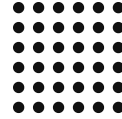


$$\begin{array}{l} 3 \times 3 = 9 \\ 3 \times 3 = 9 \end{array}$$

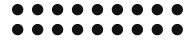


$$\begin{array}{l} 4 \times 6 = 24 \\ 6 \times 4 = 24 \end{array}$$

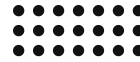
Page 2



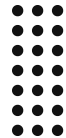
$$\begin{array}{l} 6 \times 6 = 36 \\ 6 \times 6 = 36 \end{array}$$



$$\begin{array}{l} 2 \times 9 = 18 \\ 9 \times 2 = 18 \end{array}$$



$$\begin{array}{l} 3 \times 7 = 21 \\ 7 \times 3 = 21 \end{array}$$



$$\begin{array}{l} 7 \times 3 = 21 \\ 3 \times 7 = 21 \end{array}$$

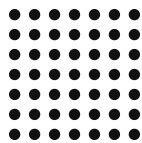
Page 3



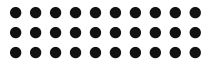
$$\begin{array}{l} 4 \times 8 = 32 \\ 8 \times 4 = 32 \end{array}$$



$$\begin{array}{l} 8 \times 4 = 32 \\ 4 \times 8 = 32 \end{array}$$

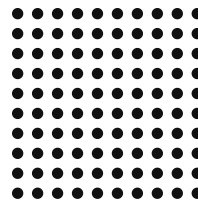


$$\begin{array}{l} 7 \times 7 = 49 \\ 7 \times 7 = 49 \end{array}$$

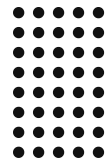


$$\begin{array}{l} 3 \times 10 = 30 \\ 10 \times 3 = 30 \end{array}$$

Page 4



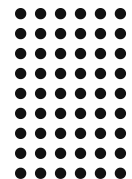
$$\begin{array}{l} 10 \times 10 = 100 \\ 10 \times 10 = 100 \end{array}$$



$$\begin{array}{l} 8 \times 5 = 40 \\ 5 \times 8 = 40 \end{array}$$



$$\begin{array}{l} 6 \times 9 = 54 \\ 9 \times 6 = 54 \end{array}$$



$$\begin{array}{l} 9 \times 6 = 54 \\ 6 \times 9 = 54 \end{array}$$



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For Grown-Ups: How to Use These Worksheets 6 / 6

One page at a time, for third grade.

Why use it

The rows of an array are equal groups, so 3 rows of 7 is 3×7 . Turned a quarter turn, the same dots make 7 rows of 3, which shows that 3×7 and 7×3 are one fact. Knowing that nearly halves the facts to learn.

What it is good for

- Multiplication sentences up to 10×10 .
- Turnarounds, such as 2×5 and 5×2 , side by side on every page.
- Square arrays, such as 6×6 .

How to use it

1. Count the rows, then how many dots are in one row.
2. Write the first sentence as the rows $\times$ the number in each row, then the total.
3. Write the turnaround underneath: the same two numbers swapped, and the same total.
4. For a big array, split it: 7 rows of 6 is 5 rows of 6 and 2 rows of 6, so $30 + 12 = 42$.
5. Check with the answer key. Each red number sits where your child writes it.

Try saying: “If we turn the page sideways, how many rows are there now? Did the total change?”

Tip: Rows go across. A child who writes the turnaround first has still written a true fact; say the rows first next time.



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