

Multiplication Strategy Sheet

Skip counting, arrays, and the standard algorithm — plus practice problems to try tonight.

Name

:

Date

:

There are several reliable ways to solve a multiplication problem. You don't need all of them — the goal is one strategy that works confidently, plus exposure to the rest.

1. Skip Counting

Count up by the same number repeatedly. Best for smaller facts.

e.g. 4×6 : count 6, 12, 18, 24 (four jumps of 6) = 24

2. Arrays / Groups

Draw rows and columns of dots. The total is the product.

e.g. $4 \times 6 = 4$ rows of 6 dots = 24 dots total

3. Standard Algorithm

Multiply digit by digit, carrying/regrouping as needed.

Best for larger numbers, e.g. 23×4

4. Checking Your Work

Try a second strategy and see if you get the same answer.

If skip counting and the algorithm agree, you're confident!

Standard algorithm example: $23 \times 4 = 92$

$$\begin{array}{r} 23 \\ \times 4 \\ \hline 92 \end{array}$$

Try It Yourself — Pick Any Strategy

$34 \times 6 =$

$58 \times 3 =$

$6 \times 27 =$

$45 \times 4 =$

$7 \times 39 =$

$82 \times 5 =$