



NAME:

DATE:

MULTIPLICATION SQUARE

(blank up to 12)

Fluency and ease in multiplying whole numbers is useful to learn because it aids in calculations. It is especially important to master multiplication of two whole numbers up to 12 before moving on to long division.

These are the three stages of progression in learning multiplication:

1. Counting strategies: Use objects or fingers to count verbally in tens, twos and fives (from zero) to determine the answer.
2. Reasoning strategies: Use known information to logically determine an unknown combination: for example, the learner knows doubles and corresponding halves of numbers to 20.
3. Mastery or efficient production of answers: Understand multiplication as repeated addition and use place value to determine the answers fast and accurately, without having to count with their fingers or objects and without having to reason to get the answer.

Practicing regularly with this worksheet on paper or a PC improves mastery in multiplying two whole numbers up to 12 before moving on to long division. It makes reaching the finishing line easy every time for independent learning, homeschooling or classroom teaching.

It is formatted as a fillable PDF form and can be used to scaffold the learning process by printing and completing by hand or typing on the computer.

MULTIPLICATION SQUARE

(blank up to 12)

0	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												