

Big Multiplication

Grade 4 • MATH • Multi-digit multiplication (2-digit by 2-digit) • Standards: 4.NBT.B.5

Multiply these two-digit numbers using the standard algorithm. Remember to line up your partial products carefully and add them together at the end!

1. $23 \times 12 = ?$

2. $31 \times 14 = ?$

3. $42 \times 21 = ?$

4. $25 \times 16 = ?$

5. $34 \times 23 = ?$

6. $47 \times 18 = ?$

7. $56 \times 27 = ?$

8. $63 \times 35 = ?$

9. $78 \times 42 = ?$

10. $85 \times 54 = ?$

11. $67 \times 89 = ?$

12. $94 \times 76 = ?$

Answer Key — Big Multiplication

For the teacher / parent. Do not distribute with the worksheet.

1. $276 ((23 \times 2) + (23 \times 10) = 46 + 230 = 276)$
2. $434 ((31 \times 4) + (31 \times 10) = 124 + 310 = 434)$
3. $882 ((42 \times 1) + (42 \times 20) = 42 + 840 = 882)$
4. $400 ((25 \times 6) + (25 \times 10) = 150 + 250 = 400)$
5. $782 ((34 \times 3) + (34 \times 20) = 102 + 680 = 782)$
6. $846 ((47 \times 8) + (47 \times 10) = 376 + 470 = 846)$
7. $1512 ((56 \times 7) + (56 \times 20) = 392 + 1120 = 1512)$
8. $2205 ((63 \times 5) + (63 \times 30) = 315 + 1890 = 2205)$
9. $3276 ((78 \times 2) + (78 \times 40) = 156 + 3120 = 3276)$
10. $4590 ((85 \times 4) + (85 \times 50) = 340 + 4250 = 4590)$
11. $5963 ((67 \times 9) + (67 \times 80) = 603 + 5360 = 5963)$
12. $7144 ((94 \times 6) + (94 \times 70) = 564 + 6580 = 7144)$