

3-Digit × 3-Digit Multiplication

30 Problems • Long Multiplication Practice

Name: _____

Date: _____

Use the grid for each problem. Multiply by the **ones digit** first (row 3), then the **tens digit** shifted **one place left** (row 4), then the **hundreds digit** shifted **two places left** (row 5). Add the three partial products for your answer (row 6).

1. 200×300

				2	0	0
×				3	0	0

2. 400×200

				4	0	0
×				2	0	0

3. 300×300

				3	0	0
×				3	0	0

4. 250×200

				2	5	0
×				2	0	0

5. 120×300

				1	2	0
×				3	0	0

6. 123×212

				1	2	3
×				2	1	2

7. 231×123

				2	3	1
×				1	2	3

8. 213×132

				2	1	3
×				1	3	2

9. 321×213

				3	2	1
×				2	1	3

10. 132×231

				1	3	2
×				2	3	1

11. 234×123

				2	3	4
×				1	2	3

12. 345×212

				3	4	5
×				2	1	2

13. 246×132

				2	4	6
×				1	3	2

14. 258×143

				2	5	8
×				1	4	3

15. 367×124

				3	6	7
×				1	2	4

16. 456×234

				4	5	6
×				2	3	4

17. 567×345

				5	6	7
×				3	4	5

18. 486×273

				4	8	6
×				2	7	3

19. 594×386

				5	9	4
×				3	8	6

20. 678×247

				6	7	8
×				2	4	7

21. 738×469

				7	3	8
×				4	6	9

22. 852×367

				8	5	2
×				3	6	7

23. 946×588

				9	4	6
×				5	8	8

24. 875×694

				8	7	5
×				6	9	4

25. 789×456

				7	8	9
×				4	5	6

26. 999×999

				9	9	9
×				9	9	9

27. 888×777

				8	8	8
×				7	7	7

28. 963×748

				9	6	3
×				7	4	8

29. 847×659

				8	4	7
×				6	5	9

30. 725×836

				7	2	5
×				8	3	6

Estimate first (round each factor) to check your answer is reasonable!