Long Multiplication Fluency

Use a formal method of long multiplication to solve these calculations.

1.

		3	1	2
	x		2	4
	1	2	4	8
	6	2	4	0

2.

		4	7	3
	x		1	5
				0

3.

		2	9	4
	x		3	6

4.

		9	5	7
	x		2	8

5.

	1	3	6	2
	x		3	2

6.

	1	7	3	5
	x		4	1

7.

	1	0	5	7
	x		5	7

8.

	3	1	6	6
	x		2	9

9.

	2	0	0	3
	x		4	9

Long Multiplication Fluency

Answers

Use a formal method of long multiplication to solve these calculations.

1.

		3	1	2
	x		2	4
	1	2	4	8
	6	2	4	0
	7	4	8	8

2.

		4	7	3
	x		1	5
	2	3^{3}	6^{1}	5
	4	7	3	0
	7^{1}	0	9	5

3.

		2	9	4
	x		3	6
	1	7^{5}	6^{2}	4
	8^{2}	8^{1}	2	0
1	0^{1}	5	8	4

4.

		9	5	7
	x		2	8
	7	6^{4}	5^{5}	6
1	9^{1}	1^{1}	4	0
2^{1}	6	7	9	6

5.

	1	3	6	2
	x		3	2
	2	7^{1}	2	4
4^{1}	0^{1}	8	6	0
4	3^{1}	5	8	4

6.

	1	7	3	5
	x		4	1
	1	7	3	5
6^{2}	9^{1}	4^{2}	0	0
7^{1}	1^{1}	1	3	5

7.

	1	0	5	7
	x		5	7
	7	3^{3}	9^{4}	9
5	2^{2}	8^{3}	5	0
6^{1}	0^{1}	2^{1}	4	9

8.

	3	1	6	6
	x		2	9
2	8^{1}	4^{5}	9^{5}	4
6	3^{1}	3^{1}	2	0
9^{1}	1	8^{1}	1	4

9.

	2	0	0	3
	x		4	9
1	8	0	2^{2}	7
8	0	1^{1}	2	0
9	8	1	4	7