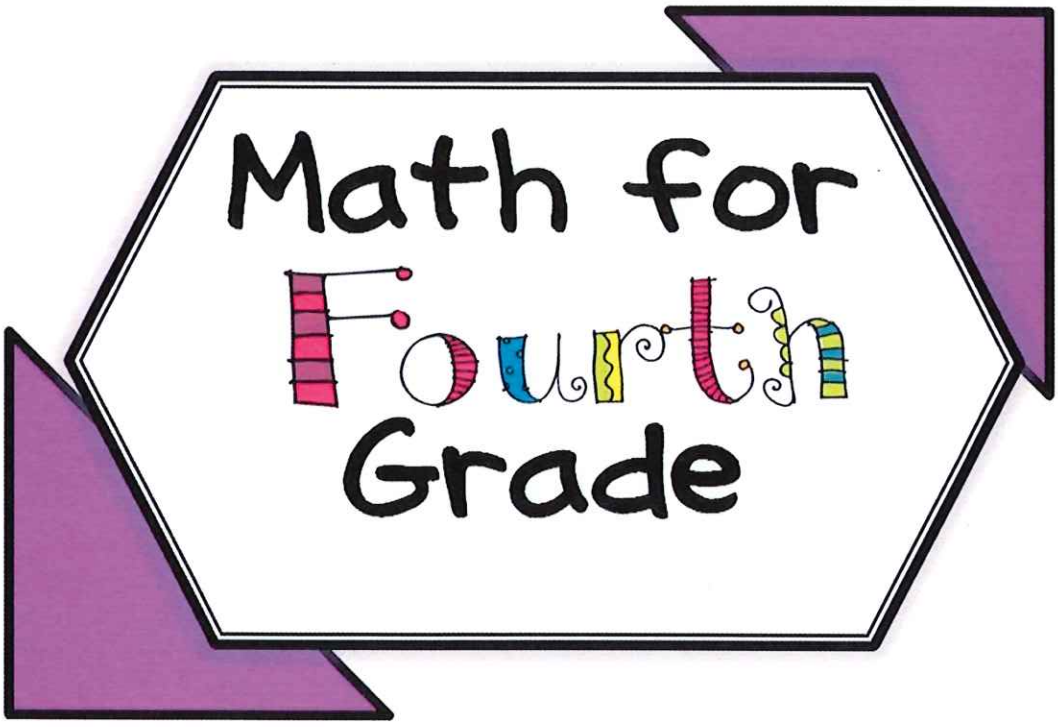
Luther Lee Emerson

Summer 2024



OPTIONAL MATH PACKET

This list will be on the District Website all summer.
https://www.DemarestPublicSchools.org

Welcome to the 4th grade!

The attached summer math packet is an OPTIONAL opportunity for you to continue practicing previously taught skills. The packet includes basic whole number operations that 4th grade students are expected to remember and be able to utilize from the start of the school year.

If you choose to complete this packet, it will be collected and checked the first week of school. Completing this packet will help in keeping your skills sharp. Entering 4th grade with a solid math fact foundation will only build confidence and allow us to dive into the 4th grade curriculum right from the start.

I wish you a happy and safe summer! I am looking forward to meeting all of you in September!

Mrs. Rilli

Adding 4-digit numbers in columns

Find the sum.

1. 5,112 + 819	2. 2,217 + 7,514	3. 2,383 + 6,229	4. 54 + 16
5. 6,869 + 2,614	6. 8,211 + 326	7. 2,161 + 8,535	8. 7,337 + 5,571
9. 9,814 + 1,462	10. 3,680 + 7,998	11. 8,545 + 1,560	12. 8,451 + 6,525
13. 8,471 + 3,327	14. 9,431 + 333	15. 3,925 + 1,527	16. 9,963 + 8,888

Adding 3-digit numbers in columns (with regrouping)

Find the sum.

1. 962 + 566

2. 384 + 860

3. 983 + 447

4. 210 + 40

5. 998 + 658

6. 789 + 678

7. 832 + 550

8. 413 + 23

9. 995 + 818

10. 256 + 44

11. 571 + 471

12. 478 + 595

13. 369 + 945

14. 420 + 951

15. 708 + 511

16. 254 + 432

17. 648 + 686

18. 702 + 847

19. 115 + 453

20. 701 + 89

Subtraction (2-digits)

Find the differences.

60 − 43	60 − 36	97 − 33	61 − 45	91 − 29	38 − 3	16 − 3
34 − 23	92 − 51	85 − 49	91 − 30	94 − 81	90 − 23	97 − 97
39 − 4	26 − 10	49 − 37	38 − 7	24 − 7	70 − 9	37 − 37
81 − 42	66 − 41	86 − 76	97 − 64	56 − 52	94 − 3	86 − 49
95 − 74	45 − 19	98 − 69	79 − 59	97 − 67	82 − 17	91 − 82
55 − 36	80 − 66	74 − 59	41 − 39	57 − 30	86 − 62	67 − 40

Subtraction (2-digits)

Find the differences.

96 − 89	90 − 15	73 − 56	52 − 23	81 − 5	21 − 12	29 − 6
60 − 60	84 − 21	93 − 20	95 − 84	64 − 15	82 − 22	77 − 12
77 − 72	87 − 75	41 − 14	31 − 30	67 − 31	76 − 6	92 − 80
79 − 69	81 − 9	79 − 79	84 − 80	73 − 5	55 − 33	67 − 36
99 − 35	55 − 13	97 − 49	47 − 5	65 − 58	51 − 50	16 − 4
63 − 42	94 − 27	90 − 66	50 − 12	76 − 7	8 − 6	86 − 5

Subtraction (3-digits)

Find the differences.

985 − 468	858 − 403	591 − 402	394 − 130	354 − 116	511 − 157
962 − 842	810 − 315	921 − 645	848 − 665	698 − 629	854 − 43
922 − 31	995 − 659	957 − 229	910 − 212	888 − 543	271 − 73
481 − 376	833 − 736	984 − 975	882 − 414	846 − 150	768 − 52
687 − 619	645 − 490	563 − 546	969 − 450	825 − 461	889 − 25

Subtraction (3-digits)

Find the differences.

724 − 434	215 − 44	609 − 296	559 − 325	835 − 354	807 − 671
775 − 396	733 − 705	716 − 301	985 − 465	675 − 554	355 − 71
988 − 506	805 − 736	745 − 724	975 − 280	579 − 257	502 − 33
639 − 210	496 − 171	888 − 205	464 − 373	492 − 295	666 − 370
771 − 339	942 − 813	862 − 180	919 − 487	941 − 57	761 − 246

Subtracting - borrowing across two zeros

Find the difference.

1. 400 - 170

2. 600 - 327

3. 400 - 127

4. 90 - 59

5. 500 - 55

6. 30 - 13

7. 300 - 113

8. 500 - 248

9. 300 - 227

10. 100 - 10

11. 300 - 116

12. 600 - 171

Subtracting - borrowing across two zeros

Find the difference.

1. 900 - 756

2. 600 - 433

3. 100 - 38

4. 100 - 5

5. 700 - 244

6. 200 - 32

7. 100 - 85

8. 800 - 173

9. 600 - 593

10. 500 - 162

11. 500 - 178

12. 500 - 42

Multiplication facts practice 2-12

12 × 2 =	7 × 10 =	11 × 6 =
4 × 6 =	9 × 9 =	2 × 2 =
4 × 5 =	7 × 6 =	2 × 11 =
9 × 4 =	6 × 10 =	8 × 5 =
10 × 8 =	4 × 12 =	6 × 12 =
11 × 3 =	3 × 10 =	9 × 8 =
5 × 9 =	3 × 11 =	7 × 3 =
2 × 4 =	7 × 4 =	11 × 5 =
4 × 4 =	10 × 6 =	9 × 2 =
5 × 5 =	5 × 4 =	4 × 2 =
7 × 11 =	11 × 2 =	5 × 8 =
11 × 9 =	10 × 11 =	12 × 10 =
9 × 11 =	6 × 8 =	10 × 10 =
12 × 6 =	3 × 3 =	8 × 7 =
5 × 11 =	12 × 8 =	5 × 3 =
5 × 12 =	5 × 7 =	8 × 6 =

Multiplication facts practice 2-12

9 × 4 =	7 × 8 =	12 × 3 =
6 × 12 =	11 × 7 =	2 × 11 =
3 × 8 =	8 × 11 =	9 × 5 =
8 × 10 =	4 × 4 =	11 × 8 =
10 × 2 =	11 × 11 =	9 × 11 =
5 × 3 =	4 × 6 =	8 × 3 =
7 × 6 =	3 × 4 =	7 × 12 =
10 × 6 =	6 × 10 =	4 × 11 =
11 × 5 =	9 × 7 =	5 × 11 =
10 × 12 =	4 × 7 =	7 × 5 =
11 × 3 =	8 × 12 =	6 × 4 =
3 × 6 =	6 × 9 =	4 × 9 =
3 × 11 =	12 × 12 =	7 × 10 =
3 × 10 =	10 × 11 =	12 × 10 =
5 × 6 =	12 × 5 =	9 × 10 =
5 × 8 =	9 × 9 =	3 × 9 =

Multiplication facts practice 2-12

7 × 8 =	3 × 5 =	11 × 3 =
9 × 6 =	6 × 10 =	7 × 6 =
7 × 4 =	11 × 9 =	8 × 8 =
2 × 7 =	6 × 7 =	3 × 8 =
10 × 3 =	11 × 5 =	4 × 9 =
5 × 6 =	4 × 6 =	11 × 2 =
9 × 7 =	4 × 11 =	4 × 12 =
6 × 5 =	11 × 4 =	9 × 2 =
4 × 8 =	4 × 5 =	5 × 8 =
7 × 3 =	7 × 10 =	3 × 4 =
2 × 8 =	10 × 8 =	11 × 7 =
5 × 7 =	5 × 3 =	4 × 7 =
11 × 12 =	5 × 9 =	2 × 5 =
10 × 2 =	12 × 8 =	6 × 3 =
6 × 8 =	4 × 2 =	10 × 5 =
8 × 4 =	9 × 9 =	6 × 4 =

Missing Factors (1-12)

Fill in the missing numbers.

10 × 11 = ____	11 × ____ = 77	11 × ____ = 11
____ × 6 = 60	11 × ____ = 99	11 × ____ = 88
11 × 3 = ____	____ × 2 = 12	____ × 2 = 24
4 × ____ = 40	____ × 9 = 90	____ × 5 = 60
2 × 9 = ____	____ × 6 = 66	____ × 8 = 80
1 × ____ = 6	____ × 10 = 80	3 × ____ = 9
12 × ____ = 48	12 × 6 = ____	____ × 8 = 16
____ × 5 = 55	____ × 10 = 20	12 × 9 = ____
9 × ____ = 99	____ × 11 = 44	10 × 4 = ____
11 × 2 = ____	____ × 8 = 48	6 × 6 = ____
11 × ____ = 121	5 × ____ = 55	5 × 8 = ____
7 × 9 = ____	____ × 12 = 72	____ × 8 = 64

Missing Factors (1-12)

Fill in the missing numbers.

____ × 4 = 16	____ × 12 = 144	10 × ____ = 70
____ × 6 = 60	10 × 3 = ____	____ × 3 = 33
____ × 7 = 77	5 × ____ = 45	6 × 6 = ____
7 × 5 = ____	9 × ____ = 99	5 × ____ = 35
5 × ____ = 50	4 × 9 = ____	____ × 5 = 50
7 × 9 = ____	10 × ____ = 110	____ × 6 = 66
12 × ____ = 48	11 × 10 = ____	5 × ____ = 55
11 × ____ = 99	11 × ____ = 44	____ × 11 = 88
11 × 2 = ____	6 × ____ = 66	6 × 2 = ____
____ × 11 = 33	____ × 4 = 40	12 × 2 = ____
____ × 8 = 96	____ × 2 = 6	____ × 5 = 60
11 × 1 = ____	____ × 6 = 12	7 × ____ = 70

Missing Factors (1-12)

Fill in the missing numbers.

12 × 6 = ____	____ × 8 = 88	8 × ____ = 40
____ × 11 = 121	____ × 4 = 28	2 × ____ = 6
7 × 10 = ____	1 × ____ = 11	____ × 7 = 77
12 × 2 = ____	12 × ____ = 96	____ × 3 = 36
3 × ____ = 9	5 × 5 = ____	____ × 4 = 32
7 × 9 = ____	____ × 12 = 120	____ × 2 = 6
10 × 11 = ____	7 × ____ = 7	4 × 9 = ____
2 × ____ = 18	9 × ____ = 27	____ × 12 = 132
12 × ____ = 108	____ × 12 = 48	8 × ____ = 80
____ × 6 = 12	2 × 7 = ____	____ × 3 = 18
4 × ____ = 8	11 × 4 = ____	11 × ____ = 110
3 × ____ = 3	____ × 3 = 21	2 × ____ = 20