Drill 2.1 | *Subtraction*

Score: _____

Name: _____ Time: _____

15 − 8 = 7	12 − 6 = 6	13 − 5 = 8	13 − 7 = 6	12 − 8 = 4	14 − 9 = 5	13 − 6 = 7	15 − 9 = 6	14 − 8 = 6	13 − 8 = 5
12 − 5 = 7	14 − 7 = 7	13 − 9 = 4	15 − 6 = 9	14 − 9 = 5	13 − 5 = 8	14 − 5 = 9	15 − 7 = 8	12 − 7 = 5	14 − 8 = 6
13 − 5 = 8	14 − 7 = 7	13 − 9 = 4	12 − 3 = 9	12 − 4 = 8	13 − 7 = 6	12 − 6 = 6	15 − 8 = 7	12 − 5 = 7	14 − 9 = 5
12 − 5 = 7	13 − 6 = 7	14 − 7 = 7	15 − 9 = 6	13 − 7 = 6	15 − 7 = 8	13 − 8 = 5	14 − 6 = 8	12 − 8 = 4	15 − 8 = 7
13 − 4 = 9	15 − 7 = 8	14 − 6 = 8	12 − 8 = 4	13 − 7 = 6	12 − 4 = 8	15 − 7 = 8	13 − 9 = 4	13 − 5 = 8	12 − 4 = 8
15 − 6 = 9	12 − 8 = 4	15 − 9 = 6	14 − 8 = 6	13 − 7 = 6	12 − 9 = 3	12 − 3 = 9	15 − 8 = 7	13 − 6 = 7	13 − 8 = 5
12 − 7 = 5	13 − 4 = 9	14 − 7 = 7	15 − 6 = 9	14 − 8 = 6	12 − 3 = 9	14 − 5 = 9	13 − 8 = 5	15 − 7 = 8	12 − 9 = 3
14 − 6 = 8	12 − 7 = 5	12 − 4 = 8	15 − 7 = 8	13 − 7 = 6	12 − 9 = 3	12 − 6 = 6	14 − 9 = 5	12 − 7 = 5	14 − 5 = 9
14 − 7 = 7	12 − 5 = 7	13 − 5 = 8	12 − 6 = 6	15 − 8 = 7	12 − 8 = 4	15 − 7 = 8	14 − 6 = 8	15 − 8 = 7	13 − 6 = 7
15 − 9 = 6	13 − 7 = 6	12 − 3 = 9	13 − 4 = 9	15 − 6 = 9	12 − 9 = 3	14 − 7 = 7	15 − 8 = 7	12 − 5 = 7	14 − 6 = 8

page 5

13 − 7 = 6	15 − 8 = 7	12 − 5 = 7	12 − 9 = 3	15 − 6 = 9	12 − 4 = 8	15 − 7 = 8	13 − 4 = 9	12 − 7 = 5	14 − 6 = 8
15 − 6 = 9	13 − 7 = 6	12 − 4 = 8	15 − 9 = 6	14 − 6 = 8	13 − 5 = 8	12 − 6 = 6	15 − 7 = 8	12 − 9 = 3	13 − 6 = 7
13 − 7 = 6	12 − 9 = 3	12 − 8 = 4	14 − 6 = 8	13 − 6 = 7	12 − 5 = 7	15 − 9 = 6	12 − 7 = 5	13 − 8 = 5	15 − 7 = 8
14 − 7 = 7	13 − 5 = 8	14 − 9 = 5	15 − 7 = 8	13 − 4 = 9	15 − 6 = 9	12 − 3 = 9	14 − 8 = 6	14 − 5 = 9	13 − 7 = 6
15 − 8 = 7	12 − 7 = 5	14 − 8 = 6	13 − 9 = 4	12 − 6 = 6	14 − 5 = 9	15 − 8 = 7	13 − 6 = 7	12 − 4 = 8	13 − 9 = 4
12 − 8 = 4	14 − 9 = 5	15 − 6 = 9	13 − 4 = 9	13 − 7 = 6	14 − 5 = 9	12 − 4 = 8	15 − 9 = 6	12 − 5 = 7	14 − 7 = 7
15 − 7 = 8	13 − 8 = 5	12 − 6 = 6	12 − 9 = 3	15 − 8 = 7	13 − 6 = 7	12 − 8 = 4	13 − 7 = 6	12 − 3 = 9	14 − 5 = 9
12 − 7 = 5	13 − 8 = 5	12 − 8 = 4	15 − 9 = 6	12 − 5 = 7	14 − 7 = 7	12 − 3 = 9	12 − 7 = 5	13 − 7 = 6	12 − 3 = 9
14 − 6 = 8	15 − 8 = 7	13 − 9 = 4	15 − 9 = 6	13 − 4 = 9	14 − 8 = 6	13 − 5 = 8	15 − 7 = 8	13 − 9 = 4	14 − 9 = 5
12 − 6 = 6	13 − 7 = 6	12 − 5 = 7	15 − 6 = 9	14 − 9 = 5	13 − 8 = 5	14 − 8 = 6	15 − 8 = 7	14 − 7 = 7	13 − 5 = 8

page 6

Drill 2.2 | *Addition*

Score: _____

Name: _____ Time: _____

9 + 4 = 13	7 + 5 = 12	8 + 5 = 13	7 + 7 = 14	4 + 9 = 13	7 + 8 = 15	3 + 9 = 12	7 + 6 = 13	6 + 6 = 12	5 + 9 = 14
8 + 5 = 13	9 + 6 = 15	7 + 5 = 12	4 + 9 = 13	4 + 8 = 12	8 + 6 = 14	6 + 7 = 13	5 + 7 = 12	7 + 8 = 15	9 + 4 = 13
5 + 8 = 13	7 + 6 = 13	8 + 7 = 15	5 + 9 = 14	6 + 6 = 12	7 + 5 = 12	9 + 6 = 15	4 + 8 = 12	7 + 6 = 13	5 + 7 = 12
4 + 9 = 13	7 + 8 = 15	9 + 3 = 12	5 + 9 = 14	6 + 9 = 15	3 + 9 = 12	6 + 8 = 14	9 + 3 = 12	8 + 7 = 15	5 + 8 = 13
6 + 8 = 14	8 + 4 = 12	6 + 7 = 13	5 + 7 = 12	7 + 8 = 15	7 + 7 = 14	6 + 9 = 15	9 + 5 = 14	8 + 4 = 12	5 + 8 = 13
6 + 6 = 12	9 + 6 = 15	5 + 7 = 12	8 + 7 = 15	9 + 3 = 12	8 + 4 = 12	9 + 3 = 12	5 + 9 = 14	8 + 5 = 13	9 + 6 = 15
7 + 6 = 13	9 + 3 = 12	8 + 7 = 15	6 + 7 = 13	7 + 5 = 12	7 + 7 = 14	6 + 9 = 15	7 + 7 = 14	5 + 8 = 13	8 + 6 = 14
6 + 9 = 15	8 + 6 = 14	9 + 4 = 13	3 + 9 = 12	4 + 8 = 12	8 + 7 = 15	6 + 7 = 13	9 + 5 = 14	3 + 9 = 12	9 + 6 = 15
5 + 7 = 12	3 + 9 = 12	9 + 5 = 14	7 + 8 = 15	5 + 9 = 14	6 + 6 = 12	6 + 8 = 14	9 + 5 = 14	7 + 8 = 15	9 + 6 = 15
6 + 8 = 14	9 + 4 = 13	8 + 4 = 12	8 + 6 = 14	6 + 6 = 12	4 + 8 = 12	9 + 3 = 12	8 + 4 = 12	6 + 9 = 15	8 + 5 = 13

page 7

6 + 7 = 13	4 + 9 = 13	7 + 5 = 12	9 + 6 = 15	5 + 8 = 13	7 + 8 = 15	6 + 6 = 12	9 + 5 = 14	8 + 5 = 13	5 + 7 = 12
5 + 8 = 13	8 + 7 = 15	5 + 9 = 14	9 + 3 = 12	7 + 7 = 14	8 + 7 = 15	9 + 6 = 15	5 + 8 = 13	6 + 8 = 14	3 + 9 = 12
6 + 8 = 14	4 + 9 = 13	7 + 8 = 15	4 + 8 = 12	6 + 7 = 13	9 + 5 = 14	8 + 6 = 14	4 + 9 = 13	3 + 9 = 12	5 + 7 = 12
7 + 5 = 12	7 + 6 = 13	6 + 8 = 14	9 + 4 = 13	8 + 5 = 13	6 + 9 = 15	6 + 7 = 13	5 + 9 = 14	8 + 6 = 14	9 + 3 = 12
9 + 5 = 14	6 + 9 = 15	7 + 5 = 12	4 + 9 = 13	8 + 6 = 14	6 + 7 = 13	9 + 4 = 13	8 + 7 = 15	8 + 5 = 13	7 + 5 = 12
7 + 6 = 13	9 + 3 = 12	6 + 7 = 13	5 + 7 = 12	9 + 6 = 15	6 + 8 = 14	9 + 3 = 12	7 + 7 = 14	6 + 9 = 15	8 + 4 = 12
8 + 5 = 13	3 + 9 = 12	8 + 6 = 14	5 + 7 = 12	9 + 6 = 15	4 + 9 = 13	6 + 9 = 15	7 + 5 = 12	6 + 6 = 12	7 + 8 = 15
7 + 7 = 14	9 + 3 = 12	8 + 7 = 15	8 + 6 = 14	5 + 9 = 14	9 + 4 = 13	8 + 5 = 13	9 + 6 = 15	6 + 6 = 12	5 + 8 = 13
6 + 9 = 15	9 + 5 = 14	8 + 5 = 13	7 + 7 = 14	4 + 8 = 12	3 + 9 = 12	9 + 4 = 13	5 + 9 = 14	5 + 9 = 14	7 + 6 = 13
8 + 7 = 15	9 + 5 = 14	8 + 4 = 12	3 + 9 = 12	7 + 6 = 13	4 + 8 = 12	7 + 7 = 14	9 + 3 = 12	7 + 8 = 15	8 + 4 = 12

page 8

Drill 2.3 | *Subtraction*

Score: _____

Name: _____ Time: _____

14 − 8 = 6	12 − 5 = 7	15 − 7 = 8	12 − 3 = 9	13 − 6 = 7	14 − 7 = 7	12 − 8 = 4	13 − 4 = 9	13 − 5 = 8	12 − 6 = 6
12 − 8 = 4	14 − 9 = 5	15 − 7 = 8	13 − 8 = 5	12 − 6 = 6	13 − 5 = 8	14 − 9 = 5	13 − 7 = 6	12 − 8 = 4	15 − 8 = 7
15 − 7 = 8	13 − 5 = 8	14 − 7 = 7	13 − 6 = 7	15 − 9 = 6	12 − 5 = 7	12 − 7 = 5	12 − 4 = 8	13 − 8 = 5	14 − 6 = 8
12 − 9 = 3	13 − 4 = 9	12 − 9 = 3	15 − 6 = 9	13 − 5 = 8	12 − 7 = 5	13 − 9 = 4	15 − 9 = 6	12 − 3 = 9	13 − 6 = 7
13 − 7 = 6	12 − 4 = 8	13 − 7 = 6	14 − 8 = 6	12 − 7 = 5	12 − 3 = 9	15 − 6 = 9	12 − 5 = 7	14 − 6 = 8	13 − 4 = 9
14 − 8 = 6	12 − 3 = 9	14 − 9 = 5	15 − 8 = 7	12 − 9 = 3	13 − 7 = 6	13 − 4 = 9	13 − 8 = 5	15 − 9 = 6	15 − 8 = 7
12 − 4 = 8	14 − 5 = 9	12 − 8 = 4	12 − 3 = 9	13 − 5 = 8	14 − 9 = 5	15 − 7 = 8	12 − 9 = 3	14 − 8 = 6	14 − 7 = 7
15 − 6 = 9	15 − 7 = 8	14 − 6 = 8	13 − 9 = 4	12 − 4 = 8	12 − 6 = 6	15 − 8 = 7	14 − 7 = 7	12 − 5 = 7	15 − 6 = 9
14 − 7 = 7	13 − 9 = 4	12 − 3 = 9	15 − 9 = 6	12 − 5 = 7	14 − 5 = 9	15 − 7 = 8	12 − 4 = 8	13 − 6 = 7	15 − 7 = 8
13 − 8 = 5	14 − 5 = 9	15 − 8 = 7	13 − 9 = 4	14 − 6 = 8	12 − 6 = 6	15 − 6 = 9	12 − 7 = 5	15 − 9 = 6	13 − 7 = 6

page 9

12 − 3 = 9	12 − 9 = 3	15 − 7 = 8	13 − 8 = 5	15 − 9 = 6	13 − 8 = 5	12 − 7 = 5	14 − 8 = 6	14 − 7 = 7	12 − 6 = 6
14 − 5 = 9	12 − 5 = 7	12 − 9 = 3	14 − 9 = 5	12 − 4 = 8	13 − 5 = 8	15 − 7 = 8	13 − 9 = 4	14 − 6 = 8	12 − 3 = 9
13 − 4 = 9	12 − 8 = 4	14 − 5 = 9	15 − 6 = 9	12 − 9 = 3	12 − 4 = 8	13 − 5 = 8	15 − 8 = 7	13 − 7 = 6	14 − 9 = 5
12 − 5 = 7	13 − 7 = 6	14 − 5 = 9	12 − 8 = 4	14 − 6 = 8	12 − 8 = 4	13 − 9 = 4	15 − 6 = 9	13 − 6 = 7	12 − 5 = 7
15 − 6 = 9	13 − 6 = 7	12 − 6 = 6	14 − 9 = 5	14 − 7 = 7	15 − 8 = 7	12 − 7 = 5	15 − 9 = 6	12 − 3 = 9	13 − 8 = 5
14 − 7 = 7	13 − 4 = 9	12 − 6 = 6	15 − 6 = 9	14 − 8 = 6	12 − 6 = 6	15 − 7 = 8	13 − 7 = 6	12 − 9 = 3	13 − 4 = 9
12 − 9 = 3	13 − 8 = 5	15 − 7 = 8	12 − 4 = 8	13 − 5 = 8	14 − 8 = 6	12 − 3 = 9	15 − 9 = 6	12 − 5 = 7	14 − 8 = 6
13 − 6 = 7	12 − 8 = 4	13 − 7 = 6	13 − 9 = 4	12 − 7 = 5	15 − 8 = 7	12 − 3 = 9	13 − 4 = 9	14 − 8 = 6	13 − 7 = 6
13 − 7 = 6	12 − 6 = 6	13 − 5 = 8	14 − 7 = 7	15 − 8 = 7	14 − 6 = 8	12 − 4 = 8	15 − 7 = 8	12 − 5 = 7	15 − 7 = 8
15 − 7 = 8	14 − 9 = 5	15 − 8 = 7	13 − 6 = 7	14 − 7 = 7	15 − 9 = 6	14 − 5 = 9	13 − 7 = 6	15 − 6 = 9	13 − 9 = 4

page 10

Drill 2.4 | *Addition*

Score: _____

Name: _____ Time: _____

8 + 4 = 12	5 + 9 = 14	6 + 9 = 15	7 + 8 = 15	7 + 6 = 13	6 + 9 = 15	5 + 8 = 13	8 + 7 = 15	8 + 6 = 14	7 + 5 = 12
8 + 6 = 14	4 + 8 = 12	7 + 7 = 14	6 + 8 = 14	4 + 9 = 13	7 + 6 = 13	8 + 5 = 13	6 + 9 = 15	9 + 3 = 12	6 + 8 = 14
8 + 4 = 12	7 + 7 = 14	6 + 9 = 15	6 + 6 = 12	7 + 6 = 13	5 + 7 = 12	5 + 9 = 14	8 + 7 = 15	5 + 8 = 13	6 + 7 = 13
7 + 5 = 12	9 + 3 = 12	4 + 9 = 13	7 + 8 = 15	8 + 4 = 12	8 + 7 = 15	8 + 5 = 13	7 + 6 = 13	8 + 6 = 14	4 + 8 = 12
6 + 9 = 15	5 + 9 = 14	4 + 8 = 12	3 + 9 = 12	6 + 8 = 14	3 + 9 = 12	9 + 6 = 15	7 + 5 = 12	8 + 4 = 12	7 + 8 = 15
9 + 5 = 14	9 + 3 = 12	4 + 9 = 13	9 + 6 = 15	6 + 7 = 13	3 + 9 = 12	8 + 5 = 13	6 + 7 = 13	8 + 6 = 14	5 + 9 = 14
6 + 8 = 14	5 + 7 = 12	4 + 8 = 12	8 + 6 = 14	8 + 4 = 12	6 + 9 = 15	9 + 4 = 13	7 + 8 = 15	9 + 6 = 15	6 + 8 = 14
6 + 6 = 12	9 + 5 = 14	8 + 5 = 13	7 + 7 = 14	7 + 8 = 15	7 + 5 = 12	7 + 6 = 13	5 + 7 = 12	7 + 5 = 12	7 + 8 = 15
5 + 9 = 14	7 + 7 = 14	6 + 9 = 15	9 + 6 = 15	8 + 4 = 12	5 + 7 = 12	9 + 4 = 13	8 + 7 = 15	6 + 8 = 14	9 + 3 = 12
6 + 8 = 14	5 + 7 = 12	4 + 8 = 12	8 + 6 = 14	8 + 4 = 12	6 + 9 = 15	9 + 4 = 13	7 + 8 = 15	9 + 6 = 15	6 + 7 = 13
6 + 6 = 12	9 + 5 = 14	8 + 5 = 13	7 + 7 = 14	7 + 8 = 15	7 + 5 = 12	7 + 6 = 13	5 + 7 = 12	7 + 5 = 12	7 + 8 = 15
5 + 9 = 14	7 + 7 = 14	6 + 9 = 15	9 + 4 = 13	8 + 6 = 14	7 + 5 = 12	9 + 6 = 15	8 + 7 = 15	6 + 8 = 14	9 + 6 = 15
9 + 5 = 14	4 + 8 = 12	7 + 7 = 14	6 + 7 = 13	6 + 9 = 15	7 + 6 = 13	4 + 8 = 12	9 + 4 = 13	6 + 8 = 14	9 + 3 = 12

page 11

5 + 7 = 12	7 + 6 = 13	9 + 3 = 12	8 + 7 = 15	3 + 9 = 12	4 + 9 = 13	7 + 5 = 12	5 + 8 = 13	8 + 7 = 15	9 + 3 = 12
6 + 8 = 14	9 + 6 = 15	9 + 4 = 13	3 + 9 = 12	7 + 5 = 12	9 + 4 = 13	8 + 5 = 13	7 + 8 = 15	8 + 6 = 14	5 + 7 = 12
5 + 9 = 14	8 + 4 = 12	6 + 7 = 13	5 + 7 = 12	9 + 6 = 15	8 + 5 = 13	6 + 6 = 12	7 + 8 = 15	9 + 5 = 14	5 + 7 = 12
7 + 5 = 12	7 + 7 = 14	6 + 9 = 15	4 + 8 = 12	6 + 8 = 14	5 + 9 = 14	6 + 7 = 13	5 + 8 = 13	7 + 8 = 15	6 + 6 = 12
6 + 8 = 14	5 + 9 = 14	4 + 8 = 12	7 + 8 = 15	9 + 3 = 12	8 + 5 = 13	4 + 8 = 12	6 + 9 = 15	4 + 9 = 13	3 + 9 = 12
7 + 6 = 13	9 + 3 = 12	8 + 4 = 12	8 + 7 = 15	9 + 4 = 13	6 + 6 = 12	6 + 9 = 15	7 + 6 = 13	8 + 6 = 14	4 + 8 = 12
9 + 5 = 14	3 + 9 = 12	9 + 4 = 13	7 + 5 = 12	8 + 6 = 14	7 + 7 = 14	5 + 8 = 13	9 + 6 = 15	8 + 4 = 12	8 + 7 = 15
7 + 7 = 14	9 + 3 = 12	8 + 6 = 14	9 + 6 = 15	8 + 4 = 12	7 + 6 = 13	7 + 7 = 14	8 + 5 = 13	6 + 9 = 15	9 + 4 = 13
9 + 5 = 14	5 + 8 = 13	6 + 6 = 12	9 + 5 = 14	7 + 8 = 15	6 + 8 = 14	6 + 7 = 13	7 + 8 = 15	6 + 8 = 14	7 + 5 = 12
6 + 6 = 12	5 + 8 = 13	5 + 9 = 14	9 + 6 = 15	5 + 7 = 12	6 + 7 = 13	8 + 4 = 12	4 + 9 = 13	6 + 9 = 15	4 + 9 = 13

page 12

10	6	9	8	3	9	7	5	12	6
8 | 80	8 | 48	8 | 72	8 | 64	8 | 24	4 | 36	5 | 35	4 | 20	5 | 60	5 | 30
11	4	7	11	0	1	11	9	2	4
8 | 88	8 | 32	8 | 56	8 | 88	8 | 0	4 | 4	5 | 55	4 | 36	4 | 8	4 | 16
5	1	2	4	12	3	4	7	10	5
8 | 40	8 | 8	8 | 16	8 | 32	8 | 96	4 | 12	4 | 16	4 | 28	4 | 40	4 | 20
11	7	3	10	11	2	6	8	1	0
8 | 88	8 | 56	8 | 24	8 | 80	8 | 88	5 | 10	4 | 24	5 | 40	4 | 4	4 | 0
2	1	8	6	11	11	9	3	8	4
8 | 16	8 | 8	8 | 64	8 | 48	8 | 88	5 | 55	4 | 36	5 | 15	5 | 40	5 | 20
0	4	11	1	12	9	1	12	0	7
8 | 0	8 | 32	8 | 88	8 | 8	8 | 96	5 | 45	5 | 5	5 | 60	5 | 0	5 | 35
9	10	7	2	10	12	5	11	8	6
8 | 72	8 | 80	8 | 56	8 | 16	8 | 80	4 | 48	5 | 25	4 | 44	5 | 40	5 | 30
11	12	5	3	9	4	11	7	1	3
8 | 88	8 | 96	8 | 40	8 | 24	8 | 72	4 | 16	5 | 55	4 | 28	4 | 4	4 | 12
4	10	8	0	7	8	6	9	0	12
8 | 32	8 | 80	8 | 64	8 | 0	8 | 56	4 | 32	4 | 24	4 | 36	5 | 0	4 | 48
5	1	9	8	10	4	3	8	10	5
8 | 40	8 | 8	8 | 72	8 | 64	8 | 80	5 | 20	4 | 12	5 | 40	5 | 50	4 | 20

page 499

Drill 31.2 | *Division by 4-8*

Score: _____

Name: _____ Time: _____

5	4	10	3	6	3	4	2	0	12
6 | 30	6 | 24	6 | 60	6 | 18	6 | 36	7 | 21	7 | 28	7 | 14	7 | 0	7 | 84
9	1	7	0	5	10	7	11	1	8
6 | 54	6 | 6	6 | 42	6 | 0	6 | 30	7 | 70	7 | 49	7 | 77	7 | 7	7 | 56
0	6	2	8	1	11	6	9	7	9
6 | 0	6 | 36	6 | 12	6 | 48	6 | 6	7 | 77	7 | 42	7 | 63	7 | 49	7 | 63
2	0	10	4	2	1	3	11	4	5
6 | 12	6 | 0	6 | 60	6 | 24	6 | 12	7 | 7	7 | 21	7 | 77	7 | 28	7 | 35
1	4	1	3	0	11	7	8	10	0
6 | 6	6 | 24	6 | 6	6 | 18	6 | 0	7 | 77	7 | 49	7 | 56	7 | 70	7 | 0
12	8	0	4	7	12	1	3	8	11
6 | 72	6 | 48	6 | 0	6 | 24	6 | 42	7 | 84	7 | 7	7 | 21	7 | 56	7 | 77
3	5	11	1	6	9	2	5	7	2
6 | 18	6 | 30	6 | 66	6 | 6	6 | 36	7 | 63	7 | 14	7 | 35	7 | 49	7 | 14
1	4	2	8	12	0	3	1	12	11
6 | 6	6 | 24	6 | 12	6 | 48	6 | 72	7 | 0	7 | 21	7 | 7	7 | 84	7 | 77
7	11	9	5	3	4	11	7	3	8
6 | 42	6 | 66	6 | 54	6 | 30	6 | 18	7 | 28	7 | 77	7 | 49	7 | 21	7 | 56
10	3	5	9	2	1	9	6	11	10
6 | 60	6 | 18	6 | 30	6 | 54	6 | 12	7 | 7	7 | 63	7 | 42	7 | 77	7 | 70

page 501

5	4	10	3	6	5	5	5	5	3
6 | 30	6 | 24	6 | 60	6 | 18	6 | 36	6 | 30	7 | 35	8 | 40	5 | 25	6 | 18
9	1	7	0	5	3	3	3	6	7
6 | 54	6 | 6	6 | 42	6 | 0	6 | 30	7 | 21	8 | 24	5 | 15	6 | 36	7 | 49
12	0	7	12	1	8	9	7	8	9
7 | 84	7 | 0	7 | 49	7 | 84	7 | 7	8 | 64	4 | 36	6 | 42	7 | 56	8 | 72
7	0	10	9	7	10	0	10	8	5
7 | 49	7 | 0	7 | 70	7 | 63	7 | 49	5 | 50	6 | 0	7 | 70	8 | 64	4 | 20
8	12	1	4	5	11	9	1	9	7
8 | 64	8 | 96	8 | 8	8 | 32	8 | 40	6 | 66	7 | 63	8 | 8	4 | 36	6 | 42
3	9	5	8	9	3	9	5	11	10
8 | 24	8 | 72	8 | 40	8 | 64	8 | 72	7 | 21	8 | 72	4 | 20	6 | 66	7 | 70
3	4	7	1	4	3	3	2	2	2
4 | 12	5 | 20	4 | 28	5 | 5	4 | 16	8 | 24	5 | 15	6 | 12	7 | 14	8 | 16
1	6	8	12	4	2	9	9	12	4
4 | 4	5 | 30	4 | 32	5 | 60	4 | 16	5 | 10	6 | 54	7 | 63	8 | 96	5 | 20
11	7	7	5	3	11	7	7	5	3
7 | 77	5 | 35	8 | 56	6 | 30	4 | 12	7 | 77	4 | 28	8 | 56	6 | 30	4 | 12
7	4	12	5	7	7	4	12	5	7
6 | 42	8 | 32	7 | 84	4 | 20	7 | 49	6 | 42	8 | 32	7 | 84	5 | 25	7 | 49

page 502

10	6	9	8	3	9	7	5	12	6
8 | 80	8 | 48	8 | 72	8 | 64	8 | 24	4 | 36	5 | 35	4 | 20	5 | 60	5 | 30
11	4	7	11	0	1	11	9	2	4
8 | 88	8 | 32	8 | 56	8 | 88	8 | 0	4 | 4	5 | 55	4 | 36	4 | 8	4 | 16
5	1	2	4	12	3	4	7	10	5
8 | 40	8 | 8	8 | 16	8 | 32	8 | 96	4 | 12	4 | 16	4 | 28	4 | 40	4 | 20
11	7	3	10	11	2	6	8	1	0
8 | 88	8 | 56	8 | 24	8 | 80	8 | 88	5 | 10	4 | 24	5 | 40	4 | 4	4 | 0
2	1	8	6	11	11	9	3	8	4
8 | 16	8 | 8	8 | 64	8 | 48	8 | 88	5 | 55	4 | 36	5 | 15	5 | 40	5 | 20
0	4	11	1	12	9	1	12	0	7
8 | 0	8 | 32	8 | 88	8 | 8	8 | 96	5 | 45	5 | 5	5 | 60	5 | 0	5 | 35
9	10	7	2	10	12	5	11	8	6
8 | 72	8 | 80	8 | 56	8 | 16	8 | 80	4 | 48	5 | 25	4 | 44	5 | 40	5 | 30
11	12	5	3	9	4	11	7	1	3
8 | 88	8 | 96	8 | 40	8 | 24	8 | 72	4 | 16	5 | 55	4 | 28	4 | 4	4 | 12
4	10	8	0	7	8	6	9	0	12
8 | 32	8 | 80	8 | 64	8 | 0	8 | 56	4 | 32	4 | 24	4 | 36	5 | 0	4 | 48
5	1	9	8	10	4	3	8	10	5
8 | 40	8 | 8	8 | 72	8 | 64	8 | 80	5 | 20	4 | 12	5 | 40	5 | 50	4 | 20

page 503

Drill 31.3 | *Multiplication by 7-9*

Score: _____

Name: _____ Time: _____

1 × 8 = 8	10 × 8 = 80	3 × 8 = 24	1 × 8 = 8	1 × 8 = 8	4 × 8 = 32	2 × 8 = 16	3 × 8 = 24	1 × 8 = 8	11 × 8 = 88
5 × 8 = 40	6 × 8 = 48	7 × 8 = 56	6 × 8 = 48	5 × 8 = 40	7 × 8 = 56	12 × 8 = 96	6 × 8 = 48	12 × 8 = 96	3 × 8 = 24
1 × 8 = 8	8 × 8 = 64	2 × 8 = 16	1 × 8 = 8	6 × 8 = 48	8 × 8 = 64	11 × 8 = 88	5 × 8 = 40	9 × 8 = 72	10 × 8 = 80
4 × 8 = 32	8 × 8 = 64	6 × 8 = 48	9 × 8 = 72	1 × 8 = 8	12 × 8 = 96	10 × 8 = 80	4 × 8 = 32	2 × 8 = 16	11 × 8 = 88
8 × 7 = 56	5 × 7 = 35	10 × 7 = 70	1 × 7 = 7	7 × 7 = 49	5 × 7 = 35	7 × 7 = 49	2 × 7 = 14	10 × 7 = 70	9 × 7 = 63
9 × 7 = 63	7 × 7 = 49	5 × 7 = 35	10 × 7 = 70	9 × 7 = 63	4 × 7 = 28	12 × 7 = 84	4 × 7 = 28	1 × 7 = 7	9 × 7 = 63
8 × 7 = 56	3 × 7 = 21	7 × 7 = 49	12 × 7 = 84	11 × 7 = 77	6 × 7 = 42	2 × 7 = 14	6 × 7 = 42	3 × 7 = 21	2 × 7 = 14
1 × 9 = 9	2 × 9 = 18	7 × 9 = 63	1 × 9 = 9	2 × 9 = 18	9 × 9 = 81	2 × 9 = 18	8 × 9 = 72	4 × 9 = 36	7 × 9 = 63
10 × 9 = 90	1 × 9 = 9	10 × 9 = 90	11 × 9 = 99	11 × 9 = 99	12 × 9 = 108	6 × 9 = 54	1 × 9 = 9	3 × 9 = 27	1 × 9 = 9
11 × 9 = 99	8 × 9 = 72	6 × 9 = 54	9 × 9 = 81	5 × 9 = 45	8 × 9 = 72	3 × 9 = 27	10 × 9 = 90	12 × 9 = 108	11 × 9 = 99

page 505

10 × 8 = 80	8 × 7 = 56	9 × 7 = 63	8 × 8 = 64	5 × 9 = 45	8 × 8 = 64	12 × 7 = 84	6 × 9 = 54	2 × 9 = 18	6 × 7 = 42
1 × 7 = 7	8 × 9 = 72	11 × 9 = 99	5 × 9 = 45	2 × 7 = 14	2 × 8 = 16	9 × 9 = 81	7 × 7 = 49	9 × 8 = 72	5 × 9 = 45
4 × 9 = 36	12 × 7 = 84	8 × 7 = 56	9 × 8 = 72	12 × 8 = 96	1 × 7 = 7	7 × 7 = 49	9 × 8 = 72	4 × 9 = 36	1 × 8 = 8
4 × 7 = 28	12 × 7 = 84	4 × 8 = 32	3 × 9 = 27	2 × 8 = 16	10 × 9 = 90	7 × 9 = 63	3 × 9 = 27	5 × 8 = 40	4 × 7 = 28
12 × 9 = 108	1 × 9 = 9	1 × 8 = 8	6 × 8 = 48	4 × 9 = 36	1 × 8 = 8	7 × 8 = 56	8 × 7 = 56	6 × 7 = 42	11 × 8 = 88
2 × 7 = 14	4 × 7 = 28	11 × 9 = 99	9 × 7 = 63	10 × 7 = 70	11 × 9 = 99	4 × 7 = 28	4 × 8 = 32	2 × 8 = 16	7 × 7 = 49
2 × 8 = 16	8 × 8 = 64	2 × 7 = 14	12 × 8 = 96	9 × 8 = 72	8 × 7 = 56	8 × 7 = 56	9 × 9 = 81	3 × 8 = 24	3 × 9 = 27
1 × 9 = 9	6 × 9 = 54	12 × 7 = 84	2 × 9 = 18	5 × 9 = 45	12 × 8 = 96	2 × 9 = 18	1 × 7 = 7	4 × 7 = 28	10 × 7 = 70
11 × 7 = 77	10 × 8 = 80	6 × 9 = 54	2 × 8 = 16	6 × 7 = 42	11 × 7 = 77	3 × 8 = 24	7 × 8 = 56	5 × 7 = 35	11 × 9 = 99
8 × 9 = 72	7 × 8 = 56	1 × 7 = 7	8 × 9 = 72	9 × 7 = 63	12 × 9 = 108	5 × 8 = 40	10 × 7 = 70	10 × 9 = 90	3 × 8 = 24

page 506

2 × 9 = 18	4 × 9 = 36	11 × 7 = 77	9 × 7 = 63	10 × 9 = 90	11 × 7 = 77	4 × 9 = 36	4 × 8 = 32	2 × 9 = 18	7 × 9 = 63
2 × 8 = 16	8 × 8 = 64	2 × 9 = 18	12 × 9 = 108	9 × 8 = 72	8 × 7 = 56	8 × 8 = 64	7 × 7 = 49	3 × 8 = 24	3 × 7 = 21
1 × 8 = 8	6 × 7 = 42	12 × 7 = 84	2 × 8 = 16	5 × 7 = 35	12 × 9 = 108	2 × 9 = 18	1 × 9 = 9	4 × 8 = 32	10 × 9 = 90
11 × 7 = 77	10 × 8 = 80	7 × 7 = 49	2 × 8 = 16	6 × 9 = 54	11 × 7 = 77	3 × 8 = 24	8 × 7 = 56	5 × 7 = 35	11 × 9 = 99
8 × 9 = 72	7 × 8 = 56	1 × 7 = 7	8 × 8 = 64	9 × 7 = 63	12 × 7 = 84	5 × 8 = 40	10 × 9 = 90	10 × 7 = 70	3 × 8 = 24
10 × 8 = 80	8 × 9 = 72	9 × 9 = 81	8 × 9 = 72	5 × 9 = 45	8 × 9 = 72	12 × 7 = 84	6 × 9 = 54	2 × 7 = 14	6 × 7 = 42
1 × 8 = 8	8 × 8 = 64	11 × 9 = 99	5 × 7 = 35	2 × 8 = 16	2 × 7 = 14	9 × 9 = 81	7 × 7 = 49	9 × 9 = 81	5 × 7 = 35
4 × 9 = 36	12 × 8 = 96	8 × 7 = 56	9 × 7 = 63	12 × 8 = 96	1 × 9 = 9	7 × 7 = 49	9 × 8 = 72	4 × 7 = 28	1 × 8 = 8
4 × 7 = 28	12 × 7 = 84	4 × 8 = 32	3 × 9 = 27	2 × 9 = 18	10 × 7 = 70	7 × 7 = 49	3 × 9 = 27	5 × 8 = 40	4 × 9 = 36
12 × 8 = 96	1 × 9 = 9	1 × 7 = 7	6 × 8 = 48	4 × 8 = 32	1 × 7 = 7	7 × 9 = 63	8 × 7 = 56	6 × 7 = 42	11 × 8 = 88

page 507

Drill 31.4 | *Division by 9*

Score: _____

Name: _____ Time: _____

10	6	11	8	0	3	5	4	0	12
9 | 90	9 | 54	9 | 99	9 | 72	9 | 0	9 | 27	9 | 45	9 | 36	9 | 0	9 | 108
5	1	9	2	9	8	11	10	1	6
9 | 45	9 | 9	9 | 81	9 | 18	9 | 81	9 | 72	9 | 99	9 | 90	9 | 9	9 | 54
12	0	11	5	8	9	2	7	11	8
9 | 108	9 | 0	9 | 99	9 | 45	9 | 72	9 | 81	9 | 18	9 | 63	9 | 99	9 | 72
11	4	10	7	11	1	3	9	5	4
9 | 99	9 | 36	9 | 90	9 | 63	9 | 99	9 | 9	9 | 27	9 | 81	9 | 45	9 | 36
6	7	1	3	2	8	7	6	11	0
9 | 54	9 | 63	9 | 9	9 | 27	9 | 18	9 | 72	9 | 63	9 | 54	9 | 99	9 | 0
4	8	2	6	12	12	1	3	6	9
9 | 36	9 | 72	9 | 18	9 | 54	9 | 108	9 | 108	9 | 9	9 | 27	9 | 54	9 | 81
3	4	7	1	4	7	4	5	11	4
9 | 27	9 | 36	9 | 63	9 | 9	9 | 36	9 | 63	9 | 36	9 | 45	9 | 99	9 | 36
1	6	8	12	4	2	3	1	8	9
9 | 9	9 | 54	9 | 72	9 | 108	9 | 36	9 | 18	9 | 27	9 | 9	9 | 72	9 | 81
9	7	5	9	3	5	9	11	3	6
9 | 81	9 | 63	9 | 45	9 | 81	9 | 27	9 | 45	9 | 81	9 | 99	9 | 27	9 | 54
8	3	10	5	11	8	7	2	9	10
9 | 72	9 | 27	9 | 90	9 | 45	9 | 99	9 | 72	9 | 63	9 | 18	9 | 81	9 | 90

page 509