“Mad Minutes”

Hammocks Middle School Vertical Planning Team - Mathematics

Daily Multiplication Facts Fluency Drills - 5th Grade

Copies are available at http://cmegators.com

Hammocks Middle School Vertical Planning Team - Mathematics
Multiplication Facts Improvement Plan - 5th Grade

Purpose - Lack of fluency in the basic math facts is directly responsible for poor performance in higher level math courses. Factoring, fractions, estimation, mental math, etc., are skills that are difficult/impossible without fluency in the basic math facts. The vertical math planning team suggests that each school feeding into and out of Hammocks Middle School implements a comprehensive and systematic system of **daily** drills in the basic skills drills beginning in 1st grade, and extending through high school. "Friday" drills can serve as a basis for documentation and remediation.

Objective - **multiplication facts fluency**, demonstrated by recall in 2 seconds or less, AND the ability to simply fractions fluently.

The Plan - "Mad Minute" daily multiplication facts drills, related division facts drills, and related fractions practice

Implementation - Daily timed drills/quizzes at the beginning of each Mathematics block. Most quizzes are EXACTLY one minute long. Weeks #1 to #19 include a 2 minute quiz on Fridays. Teachers should be able to administer and grade daily quizzes in 3 minutes or less. Friday quizzes should take a roughly 5 minutes. Friday quizzes will document student progress and serve as a basis for remediation. Weekly "Mad Minutes" should be distributed on Fridays and collected the following Friday.

Week #	Objective:
1	Multiplication facts - 2's and 3's
2	Multiplication facts - 4's and 5's
3	Multiplication facts - 2's to 5's
4	Multiplication facts - 6's and 7's
5	Multiplication facts - 2's to 7's
6	Multiplication facts - 8's and 9's
7	Multiplication facts - 2's to 9's
8	Multiplication facts - 11's and 12's
9	Multiplication facts - 11's and 12's
10	Multiplication facts - 2's to 12's
11	Multiplication facts - 2's to 12's
12	Multiplication facts - 2's to 12's
13	Multiplication facts - 2's to 12's
14	Division facts - 2's to 9's
15	Division facts - 2's to 9's
16	Division facts - 2's to 9's
17	Division facts - 2's to 12's
18	Division facts - 2's to 12's
19	Division facts - 2's to 12's

Monday to Thursday Quizzes:

30 facts
60 seconds
Grade Scale:
-1 = A
-2 = B
-3 = C
-4 = D
-5 = F

Friday Quizzes:

60 facts
120 seconds
Grade Scale:
-2 = A
-4 = B
-6 = C
-8 = D
-9 = F

Week #	Objective:
20	Equivalent fractions x 8
21	Equivalent fractions x 10
22	Equivalent fractions x 10
23	Equivalent fractions x 12
24	Simplify 8 proper fractions
25	Simplify 8 proper fractions
26	Simplify 10 proper fractions
27	Simplify 10 proper fractions
28	Simplify 10 proper fractions
29	Simplify 8 improper fractions
30	Simplify 8 improper fractions
31	Simplify 8 improper fractions
32	Simplify 8 improper fractions

Monday to Friday Quizzes:

8 to 12 fractions problems
60 seconds
Grade Scale:
-1 = A
-2 = B
-3 = C
-4 = D
-5 = F

33	Multiplication facts - 2's to 12's
34	Division facts - 2's to 12's
35	Multiplication facts - 2's to 12's
36	Multiplication facts - 2's to 12's

Monday to Thursday Quizzes:

30 facts
60 seconds
Grade Scale:
-1 = A
-2 = B
-3 = C
-4 = D
-5 = F

Friday Quizzes:

60 facts
120 seconds
Grade Scale:
-2 = A
-4 = B
-6 = C
-8 = D
-9 = F

Mad Minutes - 5th Grade - Week #1
Multiplication Facts - 2's and 3's

Name: _____

Date: _____

MONDAY

2 × 2	3 × 5	3 × 3	3 × 7	3 × 2	2 × 8	2 × 4	3 × 8	3 × 9	2 × 3
5 × 2	3 × 2	9 × 2	6 × 3	5 × 3	8 × 2	9 × 3	2 × 3	7 × 2	6 × 2
4 × 2	3 × 3	4 × 3	7 × 3	8 × 3	2 × 2	1 × 2	1 × 3	3 × 3	3 × 2

TUESDAY

3 × 5	3 × 3	3 × 4	3 × 6	2 × 5	2 × 6	2 × 4	3 × 2	2 × 8	3 × 7
5 × 2	9 × 2	6 × 2	8 × 2	8 × 3	1 × 3	2 × 3	4 × 3	6 × 3	7 × 2
1 × 2	3 × 2	7 × 3	9 × 3	2 × 2	3 × 3	5 × 3	4 × 2	4 × 3	4 × 2

WEDNESDAY

3 × 4	2 × 5	2 × 4	2 × 7	3 × 8	3 × 3	3 × 6	3 × 7	2 × 3	2 × 2
3 × 3	6 × 2	2 × 3	6 × 3	9 × 3	4 × 2	7 × 3	4 × 3	1 × 2	8 × 2
2 × 2	5 × 2	3 × 2	8 × 3	9 × 2	7 × 2	5 × 3	1 × 3	5 × 3	3 × 3

THURSDAY

3 × 2	3 × 5	2 × 8	2 × 4	2 × 9	3 × 4	3 × 8	2 × 3	2 × 2	2 × 6
4 × 2	5 × 2	3 × 2	7 × 2	6 × 3	1 × 3	7 × 3	8 × 2	2 × 3	8 × 3
4 × 3	5 × 3	1 × 2	6 × 2	3 × 3	2 × 2	9 × 2	9 × 3	2 × 3	9 × 2

FRIDAY

3 × 8	3 × 7	2 × 8	2 × 3	3 × 4	2 × 4	3 × 9	3 × 5	2 × 7	2 × 5
3 × 2	3 × 3	3 × 6	2 × 9	2 × 2	2 × 6	3 × 6	3 × 8	3 × 8	3 × 6
2 × 7	2 × 8	3 × 6	2 × 8	2 × 2	2 × 4	3 × 2	2 × 3	3 × 3	3 × 3
9 × 3	6 × 3	8 × 3	7 × 2	2 × 2	8 × 2	6 × 2	4 × 2	5 × 2	5 × 3
3 × 3	3 × 2	4 × 3	7 × 3	9 × 2	2 × 3	2 × 3	5 × 2	5 × 3	7 × 3
3 × 2	3 × 3	8 × 3	3 × 2	8 × 2	7 × 3	4 × 3	8 × 3	7 × 3	3 × 2

Mad Minutes - 5th Grade - Week #2
Multiplication Facts - 4's and 5's

Name: _____

Date: _____

MONDAY

5 × 6	4 × 7	5 × 5	5 × 7	4 × 9	4 × 6	4 × 5	5 × 4	4 × 3	5 × 3
4 × 4	8 × 4	6 × 4	6 × 5	1 × 5	2 × 5	1 × 4	4 × 5	9 × 5	5 × 4
3 × 4	8 × 5	9 × 4	5 × 5	7 × 4	7 × 5	2 × 4	3 × 5	3 × 4	4 × 5

TUESDAY

4 × 3	5 × 8	5 × 9	5 × 4	4 × 9	4 × 4	4 × 7	4 × 5	5 × 6	4 × 6
1 × 5	5 × 4	8 × 4	2 × 5	4 × 5	7 × 5	8 × 5	5 × 5	4 × 4	2 × 4
7 × 4	3 × 5	6 × 5	6 × 4	3 × 4	1 × 4	9 × 4	9 × 5	6 × 4	5 × 5

WEDNESDAY

5 × 5	5 × 3	4 × 7	5 × 6	4 × 8	5 × 8	5 × 2	5 × 9	4 × 4	4 × 5
3 × 5	2 × 4	7 × 4	5 × 5	4 × 5	1 × 4	3 × 4	7 × 5	6 × 4	1 × 5
5 × 4	8 × 4	4 × 4	2 × 5	6 × 5	9 × 4	9 × 5	8 × 5	7 × 4	9 × 5

THURSDAY

5 × 8	4 × 9	5 × 7	5 × 3	4 × 7	5 × 9	4 × 8	5 × 4	5 × 5	4 × 3
7 × 5	4 × 5	5 × 4	4 × 4	7 × 4	8 × 4	2 × 4	1 × 4	9 × 5	2 × 5
6 × 5	5 × 5	6 × 4	3 × 5	3 × 4	8 × 5	1 × 5	9 × 4	4 × 4	2 × 4

FRIDAY

4 × 6	4 × 4	5 × 5	5 × 6	5 × 4	4 × 5	5 × 8	5 × 2	5 × 3	4 × 7
5 × 9	4 × 3	4 × 8	5 × 7	4 × 2	4 × 9	4 × 4	4 × 8	4 × 6	4 × 7
4 × 4	4 × 8	4 × 2	4 × 3	5 × 6	5 × 5	5 × 3	4 × 7	5 × 3	5 × 3
4 × 4	5 × 5	5 × 4	2 × 5	3 × 5	3 × 4	7 × 5	8 × 5	7 × 4	8 × 4
6 × 4	9 × 5	6 × 5	4 × 5	2 × 4	9 × 4	7 × 5	8 × 4	6 × 5	3 × 5
8 × 4	7 × 4	5 × 4	7 × 5	9 × 4	4 × 4	8 × 4	4 × 4	2 × 5	4 × 5

Mad Minutes - 5th Grade - Week #3
Multiplication Facts - 2's to 5's

Name: _____

Date: _____

MONDAY

5 × 4	4 × 8	4 × 6	4 × 4	3 × 2	3 × 4	2 × 6	4 × 7	2 × 9	4 × 3
6 × 3	6 × 4	3 × 5	4 × 3	6 × 5	1 × 4	7 × 3	4 × 4	7 × 4	4 × 5
8 × 4	2 × 4	3 × 2	1 × 3	3 × 3	2 × 5	8 × 3	9 × 3	9 × 4	5 × 3

TUESDAY

4 × 9	4 × 8	5 × 8	3 × 2	2 × 9	4 × 2	2 × 4	3 × 5	4 × 7	3 × 4
3 × 4	8 × 3	5 × 4	5 × 3	9 × 4	8 × 4	4 × 5	3 × 3	2 × 5	7 × 4
8 × 5	2 × 3	7 × 3	6 × 4	9 × 3	6 × 5	4 × 3	7 × 2	8 × 2	6 × 3

WEDNESDAY

2 × 8	3 × 4	5 × 8	4 × 4	3 × 8	5 × 9	3 × 5	5 × 2	4 × 8	3 × 3
7 × 4	2 × 4	5 × 3	1 × 2	6 × 3	1 × 4	3 × 3	2 × 3	9 × 2	8 × 3
7 × 5	7 × 3	3 × 4	6 × 4	6 × 5	2 × 5	5 × 4	8 × 2	3 × 5	4 × 2

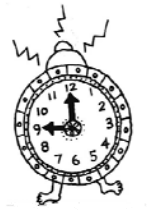
THURSDAY

3 × 6	3 × 5	5 × 3	4 × 7	3 × 7	5 × 5	4 × 3	3 × 3	2 × 9	3 × 4
4 × 5	2 × 4	4 × 2	7 × 3	8 × 3	6 × 3	7 × 4	5 × 5	5 × 4	9 × 2
4 × 3	8 × 2	2 × 3	8 × 4	6 × 4	5 × 3	4 × 4	3 × 4	3 × 3	2 × 5

FRIDAY

4 × 5	4 × 8	4 × 7	2 × 4	3 × 5	4 × 6	5 × 3	3 × 9	3 × 6	3 × 4
3 × 3	4 × 9	5 × 5	4 × 2	5 × 4	2 × 2	2 × 8	2 × 5	3 × 7	3 × 8
4 × 4	5 × 8	4 × 3	5 × 7	2 × 6	5 × 9	5 × 6	2 × 3	3 × 2	2 × 7
9 × 4	2 × 4	8 × 5	6 × 4	5 × 4	5 × 3	7 × 4	3 × 3	4 × 5	5 × 5
3 × 2	4 × 4	8 × 4	4 × 3	9 × 5	3 × 4	7 × 2	4 × 2	8 × 2	8 × 3
6 × 3	7 × 3	9 × 3	2 × 3	6 × 2	3 × 5	2 × 2	7 × 5	9 × 2	5 × 2

Mad Minutes - 5th Grade - Week #4
Multiplication Facts - 6's and 7's



Name: _____

Date: _____

MONDAY

7 × 2	7 × 5	6 × 8	7 × 4	6 × 3	7 × 3	6 × 6	7 × 7	6 × 4	6 × 5
2 × 7	5 × 7	2 × 6	6 × 7	8 × 7	5 × 6	8 × 6	3 × 7	6 × 6	9 × 7
7 × 6	9 × 6	4 × 6	3 × 6	1 × 7	4 × 7	7 × 7	1 × 6	8 × 7	6 × 7

TUESDAY

7 × 3	6 × 4	6 × 7	6 × 8	7 × 5	6 × 3	7 × 8	6 × 9	7 × 6	6 × 6
7 × 7	3 × 7	5 × 6	6 × 6	3 × 6	1 × 7	2 × 6	2 × 7	5 × 7	4 × 6
4 × 7	9 × 6	7 × 6	8 × 6	8 × 7	6 × 7	1 × 6	9 × 7	4 × 6	4 × 6

WEDNESDAY

6 × 8	7 × 3	6 × 6	7 × 9	6 × 4	7 × 5	7 × 6	6 × 3	7 × 8	7 × 2
2 × 6	7 × 6	6 × 6	4 × 6	2 × 7	3 × 7	4 × 7	1 × 6	9 × 6	8 × 6
7 × 7	9 × 7	5 × 6	8 × 7	6 × 7	3 × 6	1 × 7	5 × 7	5 × 7	2 × 6

THURSDAY

7 × 9	7 × 4	7 × 8	6 × 2	6 × 8	6 × 4	7 × 2	7 × 5	6 × 3	7 × 3
2 × 6	4 × 7	8 × 6	8 × 7	6 × 7	3 × 7	7 × 7	6 × 6	4 × 6	2 × 7
1 × 7	7 × 6	9 × 7	5 × 6	1 × 6	5 × 7	9 × 6	3 × 6	8 × 7	3 × 6

FRIDAY

6 × 3	6 × 4	6 × 6	7 × 7	7 × 6	7 × 9	7 × 5	7 × 4	7 × 3	7 × 8
6 × 8	6 × 7	6 × 2	6 × 9	7 × 2	6 × 5	7 × 2	7 × 3	7 × 8	7 × 8
7 × 3	6 × 7	7 × 7	7 × 3	6 × 6	7 × 5	7 × 6	6 × 2	7 × 6	7 × 5
2 × 6	3 × 6	7 × 7	4 × 6	6 × 7	8 × 6	9 × 6	4 × 7	6 × 6	5 × 6
9 × 7	3 × 7	2 × 7	7 × 6	5 × 7	8 × 7	5 × 7	4 × 6	5 × 7	7 × 6
7 × 7	8 × 7	5 × 6	7 × 7	7 × 7	5 × 6	6 × 6	7 × 7	6 × 7	5 × 7

Mad Minutes - 5th Grade - Week #5
Multiplication Facts - 2's to 7's

Name: _____

Date: _____

MONDAY

5 × 4	7 × 5	2 × 5	4 × 7	4 × 3	4 × 6	5 × 3	6 × 2	7 × 6	4 × 8
6 × 3	7 × 4	4 × 6	2 × 3	5 × 2	8 × 3	4 × 5	6 × 5	3 × 2	2 × 7
4 × 3	5 × 4	2 × 4	8 × 5	9 × 6	5 × 5	4 × 2	8 × 4	6 × 2	2 × 6

TUESDAY

4 × 2	4 × 5	3 × 2	4 × 8	3 × 3	7 × 2	3 × 6	2 × 3	7 × 6	3 × 8
5 × 4	3 × 2	5 × 5	6 × 3	7 × 3	4 × 4	1 × 5	3 × 7	8 × 3	8 × 7
5 × 2	9 × 6	5 × 3	2 × 4	4 × 7	4 × 3	6 × 5	3 × 3	2 × 6	3 × 4

WEDNESDAY

5 × 3	4 × 6	4 × 4	6 × 2	2 × 5	6 × 8	4 × 7	4 × 9	4 × 8	5 × 5
6 × 7	1 × 2	2 × 7	2 × 3	8 × 3	6 × 4	8 × 5	7 × 3	3 × 6	7 × 6
4 × 4	5 × 3	5 × 5	6 × 6	6 × 5	8 × 4	6 × 3	2 × 5	3 × 3	8 × 6

THURSDAY

2 × 7	5 × 6	4 × 3	5 × 7	7 × 5	3 × 5	2 × 6	6 × 8	5 × 9	5 × 5
5 × 2	2 × 4	8 × 6	7 × 6	4 × 3	1 × 2	7 × 3	5 × 5	6 × 5	1 × 6
5 × 3	7 × 4	3 × 4	2 × 6	6 × 6	2 × 2	6 × 4	6 × 7	3 × 5	4 × 6

FRIDAY

3 × 4	7 × 2	4 × 7	5 × 5	3 × 6	5 × 3	6 × 7	4 × 9	7 × 5	5 × 4
5 × 2	4 × 6	3 × 3	5 × 7	3 × 5	3 × 2	5 × 8	3 × 7	2 × 6	6 × 4
6 × 5	6 × 3	4 × 5	4 × 8	6 × 6	6 × 9	6 × 2	4 × 2	2 × 9	6 × 8
7 × 3	7 × 7	7 × 2	2 × 2	8 × 6	7 × 6	7 × 4	5 × 4	2 × 3	6 × 3
9 × 3	8 × 4	6 × 5	4 × 5	3 × 4	6 × 6	6 × 4	8 × 2	4 × 4	3 × 7
5 × 3	5 × 5	6 × 2	4 × 3	7 × 5	3 × 6	4 × 6	9 × 5	9 × 7	3 × 3

Mad Minutes - 5th Grade - Week #6
Multiplication Facts 8's and 9's

Name: _____

Date: _____

MONDAY

8 × 6	8 × 5	9 × 3	8 × 7	8 × 8	8 × 2	9 × 5	9 × 4	8 × 4	9 × 8
7 × 9	7 × 8	8 × 9	3 × 9	6 × 8	2 × 9	5 × 9	5 × 8	1 × 8	9 × 8
3 × 8	4 × 8	2 × 8	8 × 8	6 × 9	9 × 9	4 × 9	1 × 9	1 × 9	3 × 9

TUESDAY

8 × 8	8 × 4	9 × 7	9 × 5	8 × 7	8 × 2	9 × 4	8 × 9	8 × 5	8 × 6
8 × 9	6 × 8	6 × 9	9 × 8	5 × 9	3 × 8	4 × 9	3 × 9	8 × 8	1 × 8
7 × 9	4 × 8	2 × 9	7 × 8	5 × 8	2 × 8	1 × 9	9 × 9	5 × 9	5 × 8

WEDNESDAY

8 × 4	8 × 5	9 × 6	8 × 2	9 × 9	9 × 5	8 × 3	9 × 3	8 × 8	9 × 8
5 × 8	4 × 8	2 × 9	2 × 8	9 × 9	8 × 9	3 × 9	3 × 8	1 × 8	8 × 8
1 × 9	7 × 9	4 × 9	9 × 8	5 × 9	6 × 8	7 × 8	6 × 9	4 × 8	2 × 8

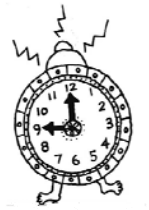
THURSDAY

9 × 8	8 × 7	8 × 5	8 × 3	9 × 3	8 × 8	8 × 2	9 × 7	8 × 4	8 × 6
2 × 9	9 × 8	4 × 9	4 × 8	5 × 9	3 × 8	6 × 8	7 × 8	7 × 9	8 × 9
6 × 9	1 × 9	1 × 8	9 × 9	2 × 8	5 × 8	8 × 8	3 × 9	2 × 8	7 × 8

FRIDAY

8 × 8	8 × 3	8 × 4	9 × 5	9 × 6	8 × 7	9 × 2	8 × 5	9 × 4	8 × 9
9 × 3	8 × 2	8 × 6	9 × 8	9 × 7	9 × 9	8 × 7	8 × 2	8 × 3	8 × 9
9 × 4	9 × 4	8 × 5	8 × 3	9 × 2	9 × 8	9 × 4	9 × 5	9 × 6	9 × 4
5 × 9	7 × 8	8 × 8	5 × 8	4 × 8	6 × 9	6 × 8	3 × 8	4 × 9	2 × 9
3 × 9	8 × 9	9 × 9	2 × 8	7 × 9	9 × 8	6 × 8	2 × 8	4 × 8	7 × 8
4 × 8	4 × 9	2 × 9	2 × 8	9 × 9	8 × 9	8 × 8	4 × 9	8 × 8	8 × 9

Mad Minutes - 5th Grade - Week #7
Multiplication Facts 2's to 9's



Name: _____

Date: _____

MONDAY

8 × 6	8 × 5	9 × 3	8 × 7	8 × 8	8 × 2	9 × 5	9 × 4	8 × 4	9 × 8
7 × 9	7 × 8	8 × 9	3 × 9	6 × 8	2 × 9	5 × 9	5 × 8	1 × 8	9 × 8
3 × 8	4 × 8	2 × 8	8 × 8	6 × 9	9 × 9	4 × 9	1 × 9	1 × 9	3 × 9

TUESDAY

8 × 8	8 × 4	9 × 7	9 × 5	8 × 7	8 × 2	9 × 4	8 × 9	8 × 5	8 × 6
8 × 9	6 × 8	6 × 9	9 × 8	5 × 9	3 × 8	4 × 9	3 × 9	8 × 8	1 × 8
7 × 9	4 × 8	2 × 9	7 × 8	5 × 8	2 × 8	1 × 9	9 × 9	5 × 9	5 × 8

WEDNESDAY

8 × 4	8 × 5	9 × 6	8 × 2	9 × 9	9 × 5	8 × 3	9 × 3	8 × 8	9 × 8
5 × 8	4 × 8	2 × 9	2 × 8	9 × 9	8 × 9	3 × 9	3 × 8	1 × 8	8 × 8
1 × 9	7 × 9	4 × 9	9 × 8	5 × 9	6 × 8	7 × 8	6 × 9	4 × 8	2 × 8

THURSDAY

4 × 2	2 × 3	5 × 3	7 × 2	8 × 7	8 × 2	7 × 6	2 × 6	6 × 2	8 × 4
5 × 8	1 × 6	4 × 9	5 × 3	3 × 2	6 × 3	8 × 8	4 × 2	5 × 9	2 × 5
7 × 8	8 × 5	4 × 4	5 × 7	8 × 7	7 × 5	9 × 6	6 × 8	1 × 2	7 × 7

FRIDAY

2 × 4	6 × 3	4 × 3	5 × 3	3 × 9	2 × 2	6 × 5	4 × 4	8 × 6	4 × 9
3 × 2	1 × 3	4 × 2	5 × 1	3 × 7	4 × 7	8 × 1	9 × 5	2 × 7	6 × 6
4 × 1	6 × 8	5 × 5	8 × 2	8 × 7	6 × 1	9 × 2	2 × 8	3 × 4	3 × 5
5 × 8	3 × 4	4 × 5	4 × 4	3 × 3	5 × 4	9 × 4	8 × 5	7 × 8	2 × 3
4 × 8	7 × 3	7 × 6	6 × 5	2 × 8	3 × 6	6 × 6	8 × 7	2 × 4	6 × 4
1 × 5	8 × 2	4 × 3	5 × 5	1 × 3	5 × 2	2 × 7	6 × 8	2 × 2	2 × 5

Mad Minutes - 5th Grade - Week #8
Multiplication Facts 11's and 12's

Name: _____

Date: _____

MONDAY

12 × 7	12 × 8	12 × 1	11 × 11	12 × 12	11 × 8	11 × 6	11 × 9	12 × 9	11 × 4
5 × 12	1 × 11	1 × 12	3 × 11	11 × 11	5 × 11	11 × 12	6 × 12	9 × 12	2 × 12
7 × 12	10 × 11	9 × 11	4 × 12	12 × 12	4 × 11	10 × 12	3 × 12	2 × 11	8 × 12

TUESDAY

11 × 11	11 × 12	11 × 3	12 × 3	11 × 5	12 × 1	12 × 7	12 × 10	12 × 9	11 × 10
7 × 11	9 × 11	6 × 11	4 × 12	11 × 11	6 × 12	4 × 11	10 × 11	7 × 12	5 × 12
12 × 11	11 × 12	3 × 11	2 × 11	2 × 12	8 × 11	3 × 12	9 × 12	5 × 11	8 × 12

WEDNESDAY

12 × 5	11 × 4	12 × 11	11 × 11	12 × 6	12 × 12	11 × 12	12 × 2	12 × 3	11 × 10
11 × 11	5 × 11	12 × 12	9 × 11	8 × 12	6 × 12	3 × 11	4 × 12	7 × 11	8 × 11
3 × 12	7 × 12	4 × 11	2 × 11	2 × 12	6 × 11	10 × 12	1 × 11	11 × 12	1 × 12

THURSDAY

11 × 10	12 × 8	12 × 12	12 × 11	11 × 6	11 × 11	12 × 7	12 × 5	11 × 5	12 × 4
7 × 11	4 × 11	10 × 11	5 × 12	2 × 11	6 × 12	1 × 11	3 × 12	11 × 12	5 × 11
3 × 11	4 × 12	6 × 11	12 × 11	2 × 12	9 × 11	11 × 11	10 × 12	8 × 12	8 × 11

FRIDAY

12 × 9	11 × 11	12 × 7	11 × 3	12 × 12	12 × 2	12 × 3	12 × 10	12 × 11	11 × 10
12 × 8	12 × 4	11 × 12	11 × 4	12 × 1	11 × 7	12 × 5	11 × 8	11 × 6	11 × 5
11 × 9	11 × 2	12 × 6	11 × 1	12 × 11	11 × 10	11 × 8	12 × 6	12 × 8	12 × 2
10 × 12	9 × 11	5 × 11	10 × 11	4 × 12	5 × 12	6 × 11	8 × 12	11 × 12	7 × 11
12 × 11	9 × 12	11 × 11	1 × 12	3 × 11	6 × 12	8 × 11	3 × 12	2 × 12	12 × 12
4 × 11	1 × 11	2 × 11	7 × 12	9 × 11	12 × 12	3 × 12	4 × 12	5 × 11	12 × 11

Mad Minutes - 5th Grade - Week #9
Multiplication Facts 11's and 12's

Name: _____

Date: _____

MONDAY

12 × 11	12 × 12	11 × 4	11 × 11	11 × 10	11 × 12	12 × 2	11 × 8	12 × 5	11 × 1
3 × 12	12 × 12	9 × 11	11 × 11	5 × 12	3 × 11	2 × 12	9 × 12	5 × 11	7 × 12
10 × 12	2 × 11	10 × 11	4 × 12	6 × 12	6 × 11	8 × 11	11 × 12	8 × 12	12 × 11

TUESDAY

12 × 8	11 × 12	12 × 1	12 × 11	11 × 2	11 × 11	11 × 8	11 × 9	12 × 7	11 × 10
12 × 11	11 × 12	7 × 11	1 × 12	6 × 11	8 × 12	12 × 12	10 × 12	8 × 11	9 × 12
5 × 11	6 × 12	3 × 12	7 × 12	9 × 11	10 × 11	11 × 11	2 × 11	4 × 11	1 × 11

WEDNESDAY

12 × 10	12 × 5	11 × 1	11 × 11	11 × 12	12 × 3	12 × 6	11 × 6	12 × 7	11 × 8
9 × 12	3 × 12	12 × 12	10 × 12	8 × 11	7 × 11	12 × 11	9 × 11	6 × 11	2 × 11
3 × 11	5 × 11	6 × 12	10 × 11	7 × 12	1 × 12	8 × 12	4 × 12	4 × 11	5 × 12

THURSDAY

12 × 11	11 × 3	11 × 4	11 × 12	12 × 8	11 × 11	12 × 10	11 × 7	12 × 1	12 × 4
11 × 12	12 × 12	4 × 11	2 × 12	6 × 12	12 × 11	5 × 12	4 × 12	7 × 11	9 × 12
5 × 11	6 × 11	1 × 12	8 × 12	3 × 12	1 × 11	3 × 11	9 × 11	10 × 12	2 × 11

FRIDAY

12 × 3	12 × 12	11 × 11	11 × 7	12 × 11	12 × 7	12 × 9	11 × 12	12 × 8	11 × 5
11 × 3	11 × 4	12 × 4	12 × 5	12 × 10	11 × 9	11 × 8	12 × 1	12 × 2	11 × 2
11 × 6	11 × 10	12 × 6	11 × 1	12 × 3	12 × 5	11 × 1	11 × 4	11 × 12	11 × 6
8 × 11	11 × 12	1 × 12	6 × 12	10 × 11	9 × 12	11 × 11	3 × 12	12 × 12	5 × 11
8 × 12	1 × 11	7 × 11	2 × 12	3 × 11	9 × 11	5 × 12	7 × 12	12 × 11	10 × 12
2 × 11	6 × 11	4 × 11	4 × 12	4 × 12	12 × 11	7 × 11	6 × 11	8 × 11	11 × 11

Mad Minutes - 5th Grade - Week #10
Multiplication Facts 2's to 12's

Name: _____

Date: _____

MONDAY

3 × 10	2 × 11	4 × 4	12 × 12	9 × 6	11 × 5	9 × 5	2 × 6	6 × 4	12 × 7
2 × 11	11 × 7	11 × 11	10 × 10	3 × 10	4 × 11	6 × 6	9 × 6	4 × 10	11 × 8
10 × 11	11 × 5	7 × 11	6 × 4	1 × 12	1 × 6	2 × 8	2 × 12	5 × 12	6 × 11

TUESDAY

1 × 12	2 × 11	10 × 4	9 × 4	8 × 11	1 × 10	9 × 11	7 × 7	6 × 12	8 × 10
8 × 5	11 × 11	5 × 8	4 × 11	7 × 11	2 × 8	2 × 3	3 × 11	10 × 10	10 × 5
5 × 3	10 × 12	1 × 11	5 × 1	11 × 6	12 × 11	4 × 10	10 × 4	3 × 5	7 × 10

WEDNESDAY

9 × 7	2 × 12	4 × 5	12 × 12	5 × 11	5 × 5	6 × 10	5 × 2	5 × 10	8 × 12
3 × 8	6 × 11	5 × 8	11 × 11	12 × 12	6 × 8	10 × 12	1 × 3	2 × 9	9 × 10
10 × 11	7 × 11	11 × 12	2 × 2	9 × 2	4 × 10	3 × 12	12 × 4	8 × 3	10 × 3

THURSDAY

9 × 2	6 × 11	10 × 12	11 × 5	8 × 9	10 × 7	2 × 12	9 × 11	12 × 5	10 × 11
8 × 11	5 × 9	2 × 11	6 × 2	2 × 6	10 × 12	3 × 11	6 × 12	5 × 3	2 × 1
6 × 6	2 × 3	1 × 11	6 × 10	2 × 4	7 × 12	2 × 2	11 × 10	3 × 12	12 × 11

FRIDAY

8 × 9	10 × 2	5 × 11	5 × 3	11 × 5	2 × 2	8 × 5	4 × 12	1 × 2	11 × 9
7 × 4	8 × 11	12 × 8	11 × 12	9 × 11	3 × 9	9 × 4	10 × 6	3 × 3	2 × 12
12 × 4	5 × 10	3 × 11	6 × 10	3 × 4	9 × 5	2 × 11	1 × 10	7 × 8	4 × 8
5 × 12	4 × 11	2 × 12	10 × 10	2 × 10	7 × 8	2 × 2	8 × 7	6 × 10	5 × 5
3 × 11	5 × 2	1 × 11	8 × 11	7 × 2	11 × 11	9 × 10	1 × 6	10 × 11	11 × 12
9 × 11	1 × 5	4 × 1	11 × 8	6 × 5	9 × 1	11 × 10	10 × 6	2 × 8	2 × 11

Mad Minutes - 5th Grade - Week #11
Multiplication Facts 2's to 12's

Name: _____

Date: _____

MONDAY

7 × 12	7 × 11	6 × 2	5 × 2	2 × 11	7 × 10	10 × 4	7 × 5	10 × 8	4 × 11
8 × 12	2 × 11	7 × 6	2 × 8	11 × 12	2 × 10	3 × 11	9 × 4	11 × 4	5 × 12
9 × 7	10 × 11	6 × 10	7 × 12	8 × 11	9 × 8	1 × 11	7 × 7	11 × 6	10 × 2

TUESDAY

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

WEDNESDAY

11 × 11	11 × 12	9 × 3	2 × 12	9 × 10	2 × 9	12 × 7	4 × 5	10 × 10	10 × 4
7 × 12	7 × 6	8 × 4	12 × 10	1 × 10	3 × 12	10 × 5	10 × 3	5 × 11	3 × 8
9 × 10	11 × 12	12 × 2	5 × 9	8 × 6	9 × 3	6 × 10	10 × 12	8 × 7	2 × 9

THURSDAY

6 × 7	11 × 4	3 × 4	8 × 6	7 × 2	8 × 11	5 × 11	9 × 9	1 × 8	3 × 9
5 × 9	12 × 7	11 × 10	11 × 5	10 × 11	6 × 4	8 × 5	5 × 11	8 × 10	9 × 10
6 × 12	5 × 2	3 × 5	11 × 11	6 × 10	6 × 11	4 × 4	9 × 8	2 × 4	7 × 5

FRIDAY

6 × 11	4 × 4	9 × 3	3 × 12	7 × 4	8 × 11	6 × 2	9 × 11	11 × 2	3 × 5
12 × 11	2 × 4	10 × 12	5 × 7	8 × 8	7 × 11	11 × 11	11 × 10	3 × 3	4 × 11
9 × 8	2 × 11	7 × 3	6 × 6	9 × 6	1 × 12	3 × 11	11 × 12	10 × 2	7 × 6
7 × 11	7 × 10	4 × 10	5 × 5	10 × 5	8 × 7	6 × 11	4 × 8	6 × 12	2 × 12
12 × 5	11 × 5	11 × 11	2 × 6	4 × 7	5 × 10	10 × 4	10 × 6	3 × 12	3 × 3
9 × 11	12 × 11	4 × 5	10 × 11	4 × 2	2 × 10	9 × 8	3 × 9	10 × 8	1 × 11

Mad Minutes - 5th Grade - Week #12
Multiplication Facts 2's to 12's

Name: _____

Date: _____

MONDAY

3 × 3	5 × 5	6 × 7	7 × 5	8 × 12	7 × 11	6 × 5	3 × 6	5 × 11	5 × 7
8 × 12	2 × 8	11 × 12	2 × 11	4 × 2	5 × 11	1 × 5	4 × 11	2 × 3	7 × 11
10 × 6	1 × 11	8 × 4	1 × 10	10 × 5	10 × 12	7 × 2	3 × 2	5 × 1	8 × 8

TUESDAY

4 × 6	2 × 3	11 × 10	3 × 5	6 × 3	2 × 2	5 × 12	5 × 11	5 × 3	2 × 10
11 × 11	9 × 11	2 × 11	9 × 12	10 × 7	11 × 4	10 × 11	8 × 11	4 × 8	4 × 5
6 × 11	8 × 8	6 × 10	9 × 2	10 × 6	6 × 1	3 × 9	10 × 2	8 × 4	2 × 10

WEDNESDAY

3 × 6	2 × 6	9 × 2	5 × 4	7 × 11	7 × 2	3 × 10	6 × 6	5 × 12	8 × 10
8 × 7	9 × 10	6 × 12	1 × 11	11 × 10	8 × 5	10 × 2	4 × 12	1 × 10	12 × 11
9 × 5	2 × 11	7 × 11	4 × 6	4 × 1	5 × 11	8 × 11	12 × 5	12 × 12	11 × 1

THURSDAY

6 × 7	4 × 10	6 × 4	1 × 12	6 × 12	9 × 10	8 × 9	10 × 3	8 × 3	1 × 10
8 × 6	8 × 12	5 × 7	6 × 7	4 × 3	11 × 11	9 × 2	2 × 10	6 × 11	9 × 4
5 × 3	5 × 10	11 × 5	3 × 12	10 × 4	12 × 10	10 × 11	1 × 11	2 × 11	6 × 12

FRIDAY

8 × 2	11 × 10	4 × 12	3 × 10	12 × 5	3 × 11	10 × 6	1 × 5	6 × 11	9 × 10
10 × 4	8 × 6	10 × 11	4 × 11	8 × 12	7 × 5	7 × 11	5 × 12	9 × 1	11 × 4
8 × 11	4 × 5	9 × 11	2 × 9	7 × 7	8 × 7	7 × 1	3 × 12	5 × 10	7 × 6
6 × 4	9 × 8	11 × 9	4 × 3	4 × 11	7 × 11	11 × 1	6 × 7	7 × 5	6 × 10
7 × 12	8 × 7	1 × 4	3 × 8	8 × 10	12 × 11	12 × 9	3 × 6	6 × 11	4 × 12
9 × 12	5 × 2	4 × 4	1 × 1	11 × 12	3 × 11	12 × 12	1 × 11	2 × 11	5 × 5

Mad Minutes - 5th Grade - Week #13
Multiplication Facts 2's to 12's

Name: _____

Date: _____

MONDAY

4 × 10	12 × 5	10 × 3	1 × 12	7 × 11	6 × 7	3 × 8	11 × 11	9 × 10	2 × 8
1 × 6	8 × 11	6 × 3	7 × 5	2 × 3	5 × 3	5 × 10	7 × 2	8 × 9	9 × 4
6 × 10	5 × 11	9 × 11	7 × 12	6 × 12	2 × 4	9 × 8	6 × 6	9 × 12	11 × 6

TUESDAY

5 × 10	7 × 11	9 × 12	10 × 6	5 × 6	12 × 12	1 × 12	9 × 11	10 × 12	1 × 2
8 × 11	4 × 1	11 × 11	9 × 2	7 × 11	4 × 8	1 × 10	7 × 10	9 × 11	8 × 4
2 × 2	7 × 1	5 × 7	10 × 6	2 × 12	12 × 3	12 × 11	2 × 11	11 × 7	6 × 4

WEDNESDAY

7 × 12	1 × 9	9 × 6	3 × 11	9 × 11	6 × 2	4 × 11	10 × 11	4 × 10	5 × 3
10 × 4	11 × 6	8 × 10	2 × 8	10 × 9	8 × 3	5 × 3	7 × 11	1 × 11	6 × 5
4 × 11	9 × 5	2 × 12	8 × 11	12 × 12	11 × 7	3 × 3	11 × 12	5 × 12	9 × 11

THURSDAY

7 × 7	9 × 10	6 × 3	10 × 6	8 × 2	8 × 12	3 × 9	11 × 12	5 × 4	6 × 7
8 × 2	4 × 4	2 × 5	4 × 3	8 × 10	7 × 10	9 × 3	4 × 11	8 × 11	9 × 7
8 × 3	7 × 3	6 × 9	10 × 10	4 × 12	9 × 11	4 × 10	6 × 7	9 × 12	11 × 1

FRIDAY

9 × 11	12 × 6	12 × 5	3 × 11	8 × 11	4 × 3	4 × 7	7 × 11	3 × 10	2 × 11
5 × 10	1 × 8	7 × 5	3 × 6	5 × 4	2 × 12	11 × 5	10 × 10	4 × 4	1 × 3
6 × 12	5 × 5	1 × 11	11 × 9	2 × 2	10 × 3	5 × 7	2 × 10	11 × 10	1 × 10
5 × 4	4 × 8	5 × 11	10 × 10	2 × 11	9 × 5	6 × 11	11 × 11	10 × 11	11 × 6
5 × 5	11 × 8	2 × 4	6 × 4	4 × 10	8 × 4	7 × 10	8 × 12	12 × 11	4 × 4
7 × 8	7 × 3	1 × 6	3 × 2	11 × 12	8 × 2	5 × 8	2 × 10	1 × 10	7 × 11

Mad Minutes - 5th Grade - Week #14
Division Facts 2's to 9's

Name: _____

Date: _____

MONDAY

4) 16	5) 15	8) 64	6) 36	5) 40	9) 63	3) 18	3) 21	9) 81	6) 24
6) 42	3) 24	3) 27	7) 42	5) 35	6) 18	7) 35	4) 36	7) 28	2) 8
8) 40	4) 32	2) 16	6) 12	7) 49	2) 4	8) 16	4) 20	8) 72	2) 12

TUESDAY

6) 18	9) 45	4) 16	8) 56	6) 24	9) 63	3) 24	8) 72	4) 24	6) 54
5) 20	4) 36	4) 32	9) 18	7) 42	3) 15	7) 28	8) 40	5) 25	5) 10
3) 12	4) 20	5) 40	9) 54	5) 15	8) 24	3) 6	8) 64	7) 21	3) 18

WEDNESDAY

8) 72	6) 42	6) 48	2) 10	9) 54	9) 63	3) 12	7) 28	8) 24	5) 20
9) 27	6) 54	3) 24	4) 28	6) 30	4) 16	2) 16	7) 42	3) 18	2) 8
9) 72	2) 14	8) 48	3) 15	8) 40	4) 24	7) 21	5) 15	5) 40	4) 32

THURSDAY

6)24	2)18	3)12	2)8	2)6	8)48	9)18	5)35	6)12	5)30
6)18	9)72	4)32	7)42	8)56	5)15	5)45	2)16	5)20	3)18
6)30	4)24	2)12	7)35	3)15	4)12	7)49	4)16	8)64	4)28

FRIDAY

5)25	6)42	7)63	6)24	3)6	7)56	7)42	2)18	4)20	6)36
5)30	9)72	6)48	8)32	3)21	3)9	2)6	6)12	7)21	3)15
9)63	5)10	5)20	7)49	2)8	2)10	5)15	8)48	5)40	4)32
4)8	7)28	4)28	7)35	8)72	8)64	2)14	7)14	6)18	8)24
8)40	4)24	6)30	3)24	8)16	9)36	8)56	2)4	3)18	4)36
5)35	4)12	5)45	3)12	9)45	2)12	4)16	9)18	6)54	3)27

Mad Minutes - 5th Grade - Week #15
Division Facts 2's to 9's

Name: _____

Date: _____

MONDAY

2) 10	4) 8	8) 56	3) 18	4) 16	3) 24	7) 21	7) 28	4) 32	2) 12
4) 12	6) 48	3) 9	9) 54	7) 35	8) 32	7) 56	5) 30	8) 16	9) 63
7) 14	8) 40	8) 72	6) 54	7) 49	5) 35	8) 48	5) 25	6) 42	3) 21

TUESDAY

8) 32	9) 27	8) 40	6) 54	5) 15	4) 16	6) 24	5) 20	9) 36	7) 35
9) 54	8) 24	3) 15	7) 21	6) 42	9) 45	6) 48	5) 30	3) 9	5) 35
9) 63	7) 28	2) 10	3) 24	8) 56	5) 40	4) 28	4) 20	7) 42	5) 10

WEDNESDAY

8) 32	3) 21	5) 40	3) 18	2) 14	6) 42	5) 10	4) 24	4) 16	5) 15
3) 12	7) 42	3) 6	2) 12	8) 48	6) 18	5) 30	5) 45	8) 24	4) 36
4) 12	7) 28	9) 18	7) 14	7) 49	4) 32	6) 24	5) 25	7) 63	8) 56

THURSDAY

8)72	3)15	9)36	4)32	5)35	8)40	5)40	8)64	6)18	2)14
7)14	3)6	4)28	8)48	7)42	4)24	9)81	3)27	3)21	9)45
7)56	8)32	6)42	6)54	8)56	7)49	8)16	3)18	2)10	8)24

FRIDAY

6)36	2)14	9)54	9)81	4)12	3)27	2)8	7)28	9)45	3)15
7)42	6)42	5)20	3)9	3)12	8)40	8)24	7)63	9)36	8)64
5)15	5)40	2)10	4)28	9)63	3)18	6)12	7)49	6)48	5)25
7)14	4)20	4)16	9)18	3)24	7)21	6)54	4)24	5)45	5)35
7)35	2)12	3)6	8)56	3)21	2)6	8)32	6)24	8)48	5)30
4)8	4)36	9)72	4)32	2)18	8)72	7)56	6)18	6)30	8)16

Mad Minutes - 5th Grade - Week #16
Division Facts 2's to 9's

Name: _____

Date: _____

MONDAY

6) 48	6) 42	4) 32	5) 35	7) 49	8) 24	6) 18	6) 24	6) 36	9) 45
8) 64	3) 24	3) 27	4) 24	5) 15	3) 12	6) 54	7) 14	7) 35	4) 20
7) 21	3) 9	3) 21	5) 20	5) 30	5) 25	8) 56	2) 8	7) 63	5) 45

TUESDAY

9) 72	8) 64	8) 56	7) 42	9) 27	4) 28	6) 12	5) 35	5) 30	3) 24
3) 21	2) 18	4) 36	6) 24	7) 21	8) 40	3) 18	3) 15	6) 48	7) 63
8) 24	8) 72	8) 32	3) 12	4) 32	6) 54	7) 28	5) 25	4) 24	6) 42

WEDNESDAY

7) 56	6) 42	4) 32	8) 64	8) 16	8) 40	2) 18	3) 12	5) 35	7) 35
5) 45	3) 6	8) 48	3) 9	4) 24	4) 36	5) 40	2) 8	4) 12	6) 30
4) 8	3) 27	8) 32	5) 20	2) 6	6) 18	3) 15	7) 42	9) 54	2) 12

THURSDAY

8)64	7)42	2)10	4)20	7)28	9)72	7)49	3)6	8)24	9)27
4)36	3)27	5)35	8)56	3)18	7)14	4)28	6)30	3)15	5)45
5)40	6)18	4)12	6)54	8)48	5)25	3)9	6)36	9)54	8)40

FRIDAY

8)32	4)20	4)16	3)27	6)18	3)15	7)28	4)28	4)24	8)64
4)12	3)9	8)24	8)56	7)49	7)21	6)24	6)48	5)35	5)45
6)42	8)72	2)12	3)12	7)14	3)24	9)18	9)27	4)8	6)30
3)18	5)15	6)36	3)21	9)54	2)8	9)72	5)20	5)10	8)40
3)6	9)63	7)35	6)54	5)30	9)36	5)40	2)6	6)12	5)25
7)63	2)16	8)48	7)42	9)45	8)16	7)56	2)4	2)14	4)36

Mad Minutes - 5th Grade - Week #17
Division Facts 2's to 12's

Name: _____

Date: _____

MONDAY

10) 40	9) 81	8) 72	12) 36	8) 80	8) 96	4) 28	7) 28	3) 18	5) 15
4) 20	4) 32	11) 55	9) 27	9) 108	9) 54	10) 20	7) 49	2) 24	9) 72
6) 18	10) 80	9) 63	6) 36	10) 70	11) 88	12) 48	2) 8	10) 50	3) 33

TUESDAY

5) 45	3) 12	3) 9	12) 24	4) 12	9) 81	9) 27	7) 49	11) 66	11) 44
5) 25	6) 54	4) 44	7) 77	4) 20	6) 30	7) 70	5) 50	3) 21	5) 30
6) 66	8) 24	10) 70	11) 22	7) 42	5) 20	12) 72	2) 16	9) 63	2) 10

WEDNESDAY

3) 12	4) 28	10) 120	8) 88	11) 88	11) 99	7) 49	9) 99	5) 30	5) 55
11) 77	12) 60	5) 45	5) 50	3) 15	4) 32	10) 20	7) 63	10) 70	8) 24
5) 25	4) 12	6) 54	4) 48	6) 48	7) 21	7) 70	8) 32	8) 96	4) 36

THURSDAY

3) 33	12) 60	12) 96	11) 33	5) 20	7) 70	12) 132	11) 55	5) 25	3) 9
3) 12	7) 49	4) 28	3) 24	11) 77	7) 35	3) 18	2) 14	9) 99	2) 18
4) 24	7) 56	10) 90	10) 50	10) 40	8) 88	5) 35	4) 40	9) 36	10) 70

FRIDAY

11) 66	8) 48	5) 35	11) 110	10) 40	12) 96	10) 60	5) 40	9) 36	7) 77
11) 33	4) 16	10) 80	4) 44	4) 28	8) 40	9) 99	2) 10	5) 50	3) 9
7) 56	9) 27	2) 16	3) 21	9) 90	4) 20	8) 72	5) 10	9) 63	8) 24
12) 36	6) 18	8) 88	10) 50	2) 8	4) 40	8) 80	6) 48	10) 110	4) 48
11) 77	3) 30	12) 120	4) 24	11) 44	9) 45	10) 70	9) 108	7) 70	3) 24
6) 42	6) 66	9) 81	3) 36	3) 15	10) 30	7) 21	6) 36	9) 18	7) 42

Mad Minutes - 5th Grade - Week #18
Division Facts 2's to 12's

Name: _____

Date: _____

MONDAY

3) 12	8) 72	4) 24	10) 40	5) 35	4) 12	3) 24	5) 40	2) 4	11) 77
11) 66	3) 6	8) 24	6) 24	7) 70	6) 54	8) 48	11) 55	7) 35	10) 110
4) 16	4) 32	4) 36	3) 9	7) 63	3) 21	4) 8	2) 16	8) 56	9) 45

TUESDAY

5) 40	12) 96	3) 27	8) 40	10) 60	7) 63	3) 33	8) 64	6) 30	5) 35
8) 16	4) 44	5) 55	9) 45	7) 35	8) 56	3) 30	10) 100	11) 88	4) 24
2) 20	3) 36	7) 28	6) 12	11) 55	8) 32	6) 48	5) 10	2) 24	6) 54

WEDNESDAY

5) 30	6) 72	6) 12	5) 15	4) 28	6) 54	3) 18	3) 9	11) 110	11) 44
10) 110	6) 66	8) 40	4) 32	7) 42	9) 27	10) 60	8) 88	11) 88	2) 24
3) 24	7) 49	7) 70	7) 28	8) 56	6) 18	2) 6	2) 4	8) 64	7) 14

THURSDAY

11) 88	9) 27	4) 44	10) 100	12) 144	6) 12	3) 33	10) 110	8) 64	5) 15
5) 30	4) 40	11) 66	11) 33	8) 80	3) 15	9) 63	8) 88	3) 18	12) 60
9) 90	7) 42	9) 99	8) 24	6) 66	6) 36	9) 72	11) 99	3) 12	6) 48

FRIDAY

6) 66	10) 40	9) 108	5) 35	10) 100	2) 6	11) 121	10) 70	6) 18	11) 44
10) 120	8) 32	4) 16	5) 10	9) 54	7) 56	7) 84	5) 20	4) 24	3) 12
10) 80	11) 33	11) 88	4) 12	5) 40	12) 84	8) 40	5) 30	7) 77	3) 18
11) 77	3) 27	4) 48	5) 15	5) 25	3) 9	8) 72	6) 36	3) 24	4) 40
6) 30	8) 16	11) 99	12) 36	5) 55	4) 36	8) 80	9) 45	9) 99	10) 90
7) 28	8) 48	8) 64	6) 48	7) 49	6) 24	9) 90	2) 18	2) 22	10) 50

Mad Minutes - 5th Grade - Week #19
Division Facts 2's to 12's

Name: _____

Date: _____

MONDAY

8) 48	8) 64	5) 40	7) 35	9) 81	7) 21	5) 15	10) 30	5) 60	5) 10
8) 80	6) 72	3) 33	2) 16	6) 66	8) 56	10) 50	10) 20	4) 40	11) 33
9) 72	3) 12	12) 96	7) 42	8) 88	11) 110	3) 36	4) 12	5) 45	7) 63

TUESDAY

7) 28	10) 100	12) 60	5) 35	7) 49	8) 64	11) 33	8) 16	3) 6	3) 9
7) 42	11) 22	2) 18	6) 72	11) 66	6) 48	12) 120	10) 80	5) 15	8) 72
6) 36	4) 28	7) 35	9) 63	9) 54	12) 132	5) 40	3) 30	3) 36	3) 21

WEDNESDAY

3) 30	4) 24	9) 18	7) 70	12) 72	10) 70	9) 36	7) 63	9) 90	12) 144
9) 63	10) 110	5) 45	11) 99	11) 55	5) 25	6) 42	2) 18	3) 12	10) 80
12) 132	7) 49	11) 121	5) 20	6) 30	2) 6	11) 88	12) 60	3) 36	3) 21

THURSDAY

$4\overline{)16}$	$4\overline{)40}$	$8\overline{)56}$	$2\overline{)10}$	$2\overline{)20}$	$3\overline{)15}$	$10\overline{)70}$	$11\overline{)22}$	$6\overline{)54}$	$11\overline{)33}$
$9\overline{)54}$	$9\overline{)90}$	$3\overline{)33}$	$8\overline{)32}$	$12\overline{)120}$	$6\overline{)48}$	$8\overline{)72}$	$9\overline{)63}$	$8\overline{)88}$	$5\overline{)45}$
$3\overline{)9}$	$8\overline{)64}$	$7\overline{)56}$	$3\overline{)6}$	$6\overline{)24}$	$10\overline{)20}$	$5\overline{)60}$	$7\overline{)70}$	$3\overline{)27}$	$10\overline{)110}$

FRIDAY

$10\overline{)50}$	$11\overline{)44}$	$11\overline{)33}$	$5\overline{)55}$	$3\overline{)6}$	$10\overline{)70}$	$3\overline{)24}$	$6\overline{)42}$	$10\overline{)100}$	$12\overline{)72}$
$5\overline{)45}$	$4\overline{)44}$	$6\overline{)66}$	$7\overline{)21}$	$11\overline{)55}$	$5\overline{)25}$	$9\overline{)45}$	$10\overline{)120}$	$9\overline{)63}$	$3\overline{)30}$
$4\overline{)40}$	$10\overline{)110}$	$11\overline{)132}$	$6\overline{)30}$	$3\overline{)36}$	$5\overline{)35}$	$11\overline{)66}$	$7\overline{)28}$	$7\overline{)63}$	$8\overline{)88}$
$5\overline{)40}$	$6\overline{)18}$	$9\overline{)90}$	$9\overline{)36}$	$4\overline{)28}$	$3\overline{)18}$	$7\overline{)56}$	$9\overline{)81}$	$4\overline{)20}$	$6\overline{)48}$
$2\overline{)10}$	$2\overline{)22}$	$8\overline{)40}$	$5\overline{)20}$	$5\overline{)10}$	$8\overline{)80}$	$12\overline{)144}$	$9\overline{)27}$	$8\overline{)32}$	$5\overline{)50}$
$10\overline{)80}$	$10\overline{)40}$	$12\overline{)120}$	$8\overline{)56}$	$9\overline{)108}$	$11\overline{)77}$	$4\overline{)24}$	$6\overline{)60}$	$3\overline{)33}$	$12\overline{)60}$

Mad Minutes - 5th Grade - Week #20
Eight Equivalent Fractions

Name: _____

Date: _____

MONDAY

$\frac{2}{3} = \frac{10}{}$ $\quad$ $\frac{}{4} = \frac{4}{8}$ $\quad$ $\frac{}{9} = \frac{28}{63}$ $\quad$ $\frac{3}{8} = \frac{21}{}$

$\frac{7}{} = \frac{28}{36}$ $\quad$ $\frac{2}{3} = \frac{}{21}$ $\quad$ $\frac{}{7} = \frac{20}{28}$ $\quad$ $\frac{3}{6} = \frac{18}{}$

TUESDAY

$\frac{}{8} = \frac{14}{16}$ $\quad$ $\frac{3}{7} = \frac{}{49}$ $\quad$ $\frac{3}{7} = \frac{24}{}$ $\quad$ $\frac{}{7} = \frac{12}{42}$

$\frac{7}{} = \frac{14}{18}$ $\quad$ $\frac{}{2} = \frac{10}{20}$ $\quad$ $\frac{5}{7} = \frac{}{14}$ $\quad$ $\frac{1}{} = \frac{6}{12}$

WEDNESDAY

$\frac{}{2} = \frac{10}{20}$ $\quad$ $\frac{3}{} = \frac{12}{36}$ $\quad$ $\frac{3}{} = \frac{12}{28}$ $\quad$ $\frac{2}{5} = \frac{}{35}$

$\frac{}{9} = \frac{56}{72}$ $\quad$ $\frac{2}{3} = \frac{}{6}$ $\quad$ $\frac{}{7} = \frac{12}{21}$ $\quad$ $\frac{1}{9} = \frac{}{72}$

THURSDAY

$\frac{6}{} = \frac{48}{56}$ $\quad$ $\frac{2}{6} = \frac{}{42}$ $\quad$ $\frac{1}{} = \frac{8}{24}$ $\quad$ $\frac{}{9} = \frac{30}{90}$

$\frac{7}{} = \frac{42}{54}$ $\quad$ $\frac{2}{} = \frac{16}{32}$ $\quad$ $\frac{}{7} = \frac{20}{28}$ $\quad$ $\frac{}{5} = \frac{24}{40}$

FRIDAY

$\frac{1}{2} = \frac{}{10}$ $\quad$ $\frac{1}{} = \frac{2}{4}$ $\quad$ $\frac{3}{7} = \frac{24}{}$ $\quad$ $\frac{2}{7} = \frac{14}{}$

$\frac{}{5} = \frac{20}{25}$ $\quad$ $\frac{3}{5} = \frac{12}{}$ $\quad$ $\frac{7}{9} = \frac{}{54}$ $\quad$ $\frac{5}{9} = \frac{20}{}$

Mad Minutes - 5th Grade - Week #21
Ten Equivalent Fractions

Name: _____

Date: _____

MONDAY

$\frac{4}{} = \frac{28}{56}$	$\frac{3}{8} = \frac{}{24}$	$\frac{1}{9} = \frac{}{81}$	$\frac{2}{5} = \frac{}{20}$	$\frac{}{4} = \frac{20}{40}$
$\frac{3}{} = \frac{18}{42}$	$\frac{2}{3} = \frac{12}{}$	$\frac{2}{} = \frac{14}{21}$	$\frac{5}{6} = \frac{50}{}$	$\frac{}{2} = \frac{4}{8}$

TUESDAY

$\frac{}{8} = \frac{42}{48}$	$\frac{1}{} = \frac{5}{15}$	$\frac{2}{4} = \frac{6}{}$	$\frac{3}{9} = \frac{15}{}$	$\frac{}{7} = \frac{36}{42}$
$\frac{}{8} = \frac{36}{72}$	$\frac{}{7} = \frac{10}{14}$	$\frac{3}{} = \frac{9}{15}$	$\frac{1}{} = \frac{8}{32}$	$\frac{3}{6} = \frac{12}{}$

WEDNESDAY

$\frac{}{8} = \frac{35}{40}$	$\frac{2}{} = \frac{6}{12}$	$\frac{2}{5} = \frac{18}{}$	$\frac{2}{} = \frac{12}{42}$	$\frac{4}{5} = \frac{}{45}$
$\frac{5}{9} = \frac{40}{}$	$\frac{4}{} = \frac{12}{15}$	$\frac{2}{4} = \frac{}{20}$	$\frac{}{6} = \frac{6}{36}$	$\frac{3}{} = \frac{15}{30}$

THURSDAY

$\frac{8}{9} = \frac{56}{}$	$\frac{2}{4} = \frac{8}{}$	$\frac{1}{3} = \frac{}{24}$	$\frac{3}{9} = \frac{6}{}$	$\frac{}{5} = \frac{12}{15}$
$\frac{2}{4} = \frac{}{32}$	$\frac{6}{8} = \frac{}{48}$	$\frac{3}{5} = \frac{30}{}$	$\frac{1}{5} = \frac{}{20}$	$\frac{1}{} = \frac{9}{18}$

FRIDAY

$\frac{8}{} = \frac{56}{63}$	$\frac{1}{3} = \frac{}{6}$	$\frac{}{4} = \frac{12}{24}$	$\frac{1}{2} = \frac{3}{}$	$\frac{2}{} = \frac{6}{9}$
$\frac{4}{7} = \frac{}{49}$	$\frac{}{7} = \frac{45}{63}$	$\frac{4}{} = \frac{40}{80}$	$\frac{1}{3} = \frac{}{9}$	$\frac{3}{5} = \frac{}{30}$

Mad Minutes - 5th Grade - Week #22
Ten Equivalent Fractions

Name: _____

Date: _____

MONDAY

$\frac{1}{6} = \frac{3}{_}$	$\frac{_}{8} = \frac{25}{40}$	$\frac{5}{6} = \frac{_}{42}$	$\frac{1}{_} = \frac{3}{21}$	$\frac{4}{_} = \frac{32}{48}$
$\frac{4}{6} = \frac{8}{_}$	$\frac{_}{9} = \frac{35}{63}$	$\frac{4}{6} = \frac{_}{18}$	$\frac{6}{7} = \frac{_}{21}$	$\frac{2}{4} = \frac{18}{_}$

TUESDAY

$\frac{1}{7} = \frac{_}{21}$	$\frac{1}{4} = \frac{_}{32}$	$\frac{1}{4} = \frac{9}{_}$	$\frac{4}{5} = \frac{24}{_}$	$\frac{_}{3} = \frac{14}{21}$
$\frac{2}{9} = \frac{10}{_}$	$\frac{4}{9} = \frac{24}{_}$	$\frac{2}{3} = \frac{10}{_}$	$\frac{1}{5} = \frac{_}{30}$	$\frac{_}{4} = \frac{6}{12}$

WEDNESDAY

$\frac{2}{7} = \frac{_}{42}$	$\frac{_}{5} = \frac{6}{30}$	$\frac{6}{_} = \frac{30}{35}$	$\frac{6}{9} = \frac{36}{_}$	$\frac{4}{_} = \frac{36}{54}$
$\frac{1}{3} = \frac{_}{21}$	$\frac{8}{9} = \frac{_}{90}$	$\frac{4}{8} = \frac{24}{_}$	$\frac{3}{9} = \frac{6}{_}$	$\frac{6}{7} = \frac{48}{_}$

THURSDAY

$\frac{_}{2} = \frac{4}{8}$	$\frac{7}{8} = \frac{_}{80}$	$\frac{2}{5} = \frac{_}{50}$	$\frac{_}{7} = \frac{12}{21}$	$\frac{1}{_} = \frac{5}{45}$
$\frac{4}{5} = \frac{28}{_}$	$\frac{_}{9} = \frac{28}{36}$	$\frac{3}{4} = \frac{9}{_}$	$\frac{4}{_} = \frac{20}{35}$	$\frac{1}{8} = \frac{_}{24}$

FRIDAY

$\frac{5}{_} = \frac{40}{72}$	$\frac{_}{3} = \frac{4}{6}$	$\frac{1}{3} = \frac{_}{12}$	$\frac{_}{3} = \frac{12}{18}$	$\frac{5}{_} = \frac{25}{40}$
$\frac{_}{8} = \frac{6}{24}$	$\frac{3}{5} = \frac{_}{20}$	$\frac{3}{9} = \frac{_}{63}$	$\frac{_}{2} = \frac{8}{16}$	$\frac{_}{5} = \frac{2}{10}$

Mad Minutes - 5th Grade - Week #23
Twelve Equivalent Fractions

Name: _____

Date: _____

MONDAY

$\frac{2}{6} = \frac{16}{}$ $\frac{1}{2} = \frac{}{12}$ $\frac{}{5} = \frac{14}{35}$ $\frac{1}{2} = \frac{}{10}$ $\frac{2}{} = \frac{16}{24}$ $\frac{4}{} = \frac{24}{36}$

$\frac{}{4} = \frac{12}{16}$ $\frac{3}{} = \frac{30}{40}$ $\frac{1}{2} = \frac{3}{}$ $\frac{2}{5} = \frac{8}{}$ $\frac{1}{4} = \frac{8}{}$ $\frac{}{4} = \frac{6}{12}$

TUESDAY

$\frac{3}{6} = \frac{}{30}$ $\frac{5}{8} = \frac{45}{}$ $\frac{}{2} = \frac{4}{8}$ $\frac{1}{8} = \frac{7}{}$ $\frac{1}{3} = \frac{9}{}$ $\frac{}{5} = \frac{4}{20}$

$\frac{7}{} = \frac{28}{36}$ $\frac{1}{2} = \frac{10}{}$ $\frac{4}{6} = \frac{}{12}$ $\frac{5}{7} = \frac{}{35}$ $\frac{}{5} = \frac{3}{15}$ $\frac{3}{4} = \frac{21}{}$

WEDNESDAY

$\frac{3}{} = \frac{24}{32}$ $\frac{3}{9} = \frac{30}{}$ $\frac{3}{9} = \frac{18}{}$ $\frac{}{8} = \frac{20}{80}$ $\frac{1}{} = \frac{8}{72}$ $\frac{}{2} = \frac{9}{18}$

$\frac{1}{2} = \frac{}{16}$ $\frac{7}{8} = \frac{}{16}$ $\frac{4}{5} = \frac{}{40}$ $\frac{}{8} = \frac{10}{80}$ $\frac{3}{8} = \frac{24}{}$ $\frac{1}{3} = \frac{7}{}$

THURSDAY

$\frac{2}{8} = \frac{}{56}$ $\frac{5}{6} = \frac{45}{}$ $\frac{2}{4} = \frac{16}{}$ $\frac{7}{} = \frac{35}{40}$ $\frac{1}{} = \frac{2}{4}$ $\frac{1}{2} = \frac{}{20}$

$\frac{1}{6} = \frac{}{30}$ $\frac{1}{2} = \frac{}{6}$ $\frac{}{5} = \frac{14}{35}$ $\frac{5}{6} = \frac{}{42}$ $\frac{1}{2} = \frac{5}{}$ $\frac{}{4} = \frac{9}{12}$

FRIDAY

$\frac{3}{} = \frac{27}{36}$ $\frac{1}{} = \frac{2}{10}$ $\frac{1}{} = \frac{9}{36}$ $\frac{1}{2} = \frac{}{16}$ $\frac{}{5} = \frac{9}{15}$ $\frac{1}{} = \frac{3}{6}$

$\frac{6}{9} = \frac{12}{}$ $\frac{2}{8} = \frac{16}{}$ $\frac{}{4} = \frac{6}{24}$ $\frac{1}{2} = \frac{}{18}$ $\frac{3}{} = \frac{30}{70}$ $\frac{4}{} = \frac{20}{40}$

Mad Minutes - 5th Grade - Week #24
Simplifying Eight Proper Fractions

Name: _____

Date: _____

MONDAY

$\frac{10}{30}$ = _____ $\frac{6}{9}$ = _____ $\frac{20}{32}$ = _____ $\frac{15}{24}$ = _____

$\frac{20}{25}$ = _____ $\frac{6}{8}$ = _____ $\frac{18}{24}$ = _____ $\frac{4}{8}$ = _____

TUESDAY

$\frac{15}{45}$ = _____ $\frac{6}{12}$ = _____ $\frac{20}{36}$ = _____ $\frac{15}{24}$ = _____

$\frac{10}{15}$ = _____ $\frac{12}{14}$ = _____ $\frac{42}{48}$ = _____ $\frac{12}{16}$ = _____

WEDNESDAY

$\frac{5}{20}$ = _____ $\frac{6}{9}$ = _____ $\frac{4}{8}$ = _____ $\frac{12}{21}$ = _____

$\frac{5}{10}$ = _____ $\frac{10}{12}$ = _____ $\frac{30}{36}$ = _____ $\frac{8}{12}$ = _____

THURSDAY

$\frac{5}{15}$ = _____ $\frac{3}{6}$ = _____ $\frac{8}{16}$ = _____ $\frac{15}{24}$ = _____

$\frac{20}{25}$ = _____ $\frac{12}{14}$ = _____ $\frac{12}{18}$ = _____ $\frac{8}{12}$ = _____

FRIDAY

$\frac{5}{10}$ = _____ $\frac{9}{18}$ = _____ $\frac{20}{36}$ = _____ $\frac{15}{24}$ = _____

$\frac{10}{15}$ = _____ $\frac{14}{16}$ = _____ $\frac{24}{30}$ = _____ $\frac{8}{12}$ = _____

Mad Minutes - 5th Grade - Week #25
Simplifying Eight Proper Fractions

Name: _____

Date: _____

MONDAY

$\frac{42}{54}$ = _____ $\frac{4}{14}$ = _____ $\frac{6}{12}$ = _____ $\frac{16}{18}$ = _____

$\frac{25}{30}$ = _____ $\frac{4}{18}$ = _____ $\frac{36}{48}$ = _____ $\frac{6}{9}$ = _____

TUESDAY

$\frac{4}{8}$ = _____ $\frac{16}{24}$ = _____ $\frac{20}{25}$ = _____ $\frac{8}{16}$ = _____

$\frac{6}{30}$ = _____ $\frac{9}{12}$ = _____ $\frac{20}{32}$ = _____ $\frac{21}{24}$ = _____

WEDNESDAY

$\frac{18}{24}$ = _____ $\frac{8}{16}$ = _____ $\frac{16}{28}$ = _____ $\frac{3}{15}$ = _____

$\frac{25}{35}$ = _____ $\frac{8}{10}$ = _____ $\frac{6}{12}$ = _____ $\frac{2}{6}$ = _____

THURSDAY

$\frac{16}{28}$ = _____ $\frac{2}{6}$ = _____ $\frac{12}{24}$ = _____ $\frac{2}{10}$ = _____

$\frac{12}{48}$ = _____ $\frac{12}{16}$ = _____ $\frac{4}{14}$ = _____ $\frac{10}{30}$ = _____

FRIDAY

$\frac{6}{12}$ = _____ $\frac{30}{54}$ = _____ $\frac{12}{32}$ = _____ $\frac{8}{12}$ = _____

$\frac{14}{18}$ = _____ $\frac{6}{24}$ = _____ $\frac{5}{30}$ = _____ $\frac{2}{4}$ = _____

Mad Minutes - 5th Grade - Week #26
Simplifying Ten Proper Fractions

Name: _____

Date: _____

MONDAY

$\frac{6}{10}$ = _____ $\frac{6}{12}$ = _____ $\frac{4}{8}$ = _____ $\frac{8}{24}$ = _____ $\frac{4}{36}$ = _____

$\frac{6}{30}$ = _____ $\frac{12}{16}$ = _____ $\frac{12}{18}$ = _____ $\frac{12}{24}$ = _____ $\frac{16}{18}$ = _____

TUESDAY

$\frac{12}{36}$ = _____ $\frac{2}{14}$ = _____ $\frac{18}{24}$ = _____ $\frac{24}{54}$ = _____ $\frac{4}{18}$ = _____

$\frac{15}{25}$ = _____ $\frac{2}{12}$ = _____ $\frac{5}{40}$ = _____ $\frac{30}{42}$ = _____ $\frac{5}{10}$ = _____

WEDNESDAY

$\frac{8}{12}$ = _____ $\frac{20}{35}$ = _____ $\frac{21}{24}$ = _____ $\frac{18}{48}$ = _____ $\frac{36}{54}$ = _____

$\frac{16}{36}$ = _____ $\frac{2}{18}$ = _____ $\frac{2}{4}$ = _____ $\frac{6}{18}$ = _____ $\frac{6}{54}$ = _____

THURSDAY

$\frac{12}{54}$ = _____ $\frac{4}{12}$ = _____ $\frac{10}{15}$ = _____ $\frac{5}{35}$ = _____ $\frac{8}{28}$ = _____

$\frac{2}{6}$ = _____ $\frac{15}{20}$ = _____ $\frac{24}{30}$ = _____ $\frac{2}{4}$ = _____ $\frac{3}{27}$ = _____

FRIDAY

$\frac{10}{35}$ = _____ $\frac{16}{28}$ = _____ $\frac{5}{15}$ = _____ $\frac{10}{16}$ = _____ $\frac{2}{8}$ = _____

$\frac{32}{36}$ = _____ $\frac{6}{18}$ = _____ $\frac{4}{12}$ = _____ $\frac{5}{10}$ = _____ $\frac{6}{15}$ = _____

Mad Minutes - 5th Grade - Week #27
Simplifying Ten Proper Fractions

Name: _____

Date: _____

MONDAY

$\frac{2}{8}$ = _____ $\frac{15}{25}$ = _____ $\frac{12}{36}$ = _____ $\frac{21}{24}$ = _____ $\frac{10}{25}$ = _____

$\frac{3}{21}$ = _____ $\frac{4}{8}$ = _____ $\frac{12}{16}$ = _____ $\frac{2}{12}$ = _____ $\frac{6}{36}$ = _____

TUESDAY

$\frac{6}{30}$ = _____ $\frac{12}{27}$ = _____ $\frac{8}{12}$ = _____ $\frac{3}{27}$ = _____ $\frac{10}{15}$ = _____

$\frac{42}{54}$ = _____ $\frac{3}{12}$ = _____ $\frac{30}{48}$ = _____ $\frac{9}{12}$ = _____ $\frac{18}{36}$ = _____

WEDNESDAY

$\frac{15}{21}$ = _____ $\frac{3}{9}$ = _____ $\frac{9}{15}$ = _____ $\frac{5}{15}$ = _____ $\frac{3}{6}$ = _____

$\frac{2}{4}$ = _____ $\frac{4}{24}$ = _____ $\frac{10}{15}$ = _____ $\frac{8}{12}$ = _____ $\frac{24}{27}$ = _____

THURSDAY

$\frac{18}{24}$ = _____ $\frac{3}{18}$ = _____ $\frac{24}{30}$ = _____ $\frac{8}{32}$ = _____ $\frac{15}{18}$ = _____

$\frac{6}{12}$ = _____ $\frac{12}{18}$ = _____ $\frac{12}{24}$ = _____ $\frac{3}{6}$ = _____ $\frac{42}{48}$ = _____

FRIDAY

$\frac{8}{20}$ = _____ $\frac{4}{20}$ = _____ $\frac{4}{16}$ = _____ $\frac{6}{24}$ = _____ $\frac{8}{10}$ = _____

$\frac{12}{30}$ = _____ $\frac{20}{24}$ = _____ $\frac{10}{20}$ = _____ $\frac{15}{20}$ = _____ $\frac{6}{9}$ = _____

Mad Minutes - 5th Grade - Week #28
Simplifying Ten Proper Fractions

Name: _____

Date: _____

MONDAY

$\frac{6}{12}$ = _____ $\frac{8}{14}$ = _____ $\frac{16}{20}$ = _____ $\frac{5}{25}$ = _____ $\frac{30}{40}$ = _____

$\frac{3}{9}$ = _____ $\frac{30}{42}$ = _____ $\frac{35}{45}$ = _____ $\frac{16}{18}$ = _____ $\frac{4}{16}$ = _____

TUESDAY

$\frac{12}{24}$ = _____ $\frac{6}{12}$ = _____ $\frac{6}{24}$ = _____ $\frac{6}{15}$ = _____ $\frac{4}{8}$ = _____

$\frac{4}{12}$ = _____ $\frac{10}{12}$ = _____ $\frac{15}{40}$ = _____ $\frac{3}{24}$ = _____ $\frac{25}{40}$ = _____

WEDNESDAY

$\frac{18}{42}$ = _____ $\frac{6}{18}$ = _____ $\frac{14}{16}$ = _____ $\frac{4}{32}$ = _____ $\frac{3}{9}$ = _____

$\frac{3}{6}$ = _____ $\frac{15}{18}$ = _____ $\frac{30}{54}$ = _____ $\frac{9}{15}$ = _____ $\frac{4}{6}$ = _____

THURSDAY

$\frac{5}{10}$ = _____ $\frac{10}{25}$ = _____ $\frac{30}{54}$ = _____ $\frac{10}{18}$ = _____ $\frac{9}{21}$ = _____

$\frac{5}{20}$ = _____ $\frac{10}{35}$ = _____ $\frac{12}{16}$ = _____ $\frac{4}{6}$ = _____ $\frac{25}{40}$ = _____

FRIDAY

$\frac{2}{12}$ = _____ $\frac{12}{18}$ = _____ $\frac{5}{35}$ = _____ $\frac{2}{14}$ = _____ $\frac{10}{25}$ = _____

$\frac{15}{35}$ = _____ $\frac{5}{10}$ = _____ $\frac{8}{24}$ = _____ $\frac{4}{10}$ = _____ $\frac{12}{16}$ = _____

Mad Minutes - 5th Grade - Week #29
Simplifying Eight Improper Fractions

Name: _____

Date: _____

MONDAY

$\frac{8}{6}$ = _____ $\frac{4}{3}$ = _____ $\frac{13}{5}$ = _____ $\frac{15}{6}$ = _____

$\frac{9}{6}$ = _____ $\frac{25}{9}$ = _____ $\frac{20}{8}$ = _____ $\frac{6}{4}$ = _____

TUESDAY

$\frac{3}{2}$ = _____ $\frac{11}{4}$ = _____ $\frac{20}{9}$ = _____ $\frac{19}{8}$ = _____

$\frac{19}{7}$ = _____ $\frac{22}{8}$ = _____ $\frac{16}{6}$ = _____ $\frac{15}{9}$ = _____

WEDNESDAY

$\frac{21}{8}$ = _____ $\frac{5}{2}$ = _____ $\frac{13}{6}$ = _____ $\frac{15}{7}$ = _____

$\frac{10}{8}$ = _____ $\frac{19}{9}$ = _____ $\frac{9}{7}$ = _____ $\frac{11}{9}$ = _____

THURSDAY

$\frac{6}{4}$ = _____ $\frac{7}{6}$ = _____ $\frac{7}{5}$ = _____ $\frac{18}{8}$ = _____

$\frac{19}{8}$ = _____ $\frac{15}{7}$ = _____ $\frac{14}{5}$ = _____ $\frac{10}{9}$ = _____

FRIDAY

$\frac{14}{9}$ = _____ $\frac{11}{5}$ = _____ $\frac{8}{5}$ = _____ $\frac{4}{3}$ = _____

$\frac{8}{6}$ = _____ $\frac{8}{3}$ = _____ $\frac{11}{8}$ = _____ $\frac{5}{2}$ = _____

Mad Minutes - 5th Grade - Week #30
Simplifying Eight Improper Fractions

Name: _____

Date: _____

MONDAY

$\frac{25}{9}$ = _____ $\frac{9}{6}$ = _____ $\frac{10}{4}$ = _____ $\frac{9}{4}$ = _____

$\frac{21}{8}$ = _____ $\frac{9}{5}$ = _____ $\frac{13}{7}$ = _____ $\frac{11}{6}$ = _____

TUESDAY

$\frac{16}{6}$ = _____ $\frac{8}{3}$ = _____ $\frac{5}{4}$ = _____ $\frac{11}{5}$ = _____

$\frac{3}{2}$ = _____ $\frac{9}{6}$ = _____ $\frac{7}{6}$ = _____ $\frac{4}{3}$ = _____

WEDNESDAY

$\frac{17}{8}$ = _____ $\frac{5}{4}$ = _____ $\frac{9}{6}$ = _____ $\frac{5}{3}$ = _____

$\frac{11}{6}$ = _____ $\frac{7}{5}$ = _____ $\frac{5}{2}$ = _____ $\frac{17}{7}$ = _____

THURSDAY

$\frac{4}{3}$ = _____ $\frac{18}{8}$ = _____ $\frac{20}{8}$ = _____ $\frac{5}{2}$ = _____

$\frac{7}{6}$ = _____ $\frac{7}{3}$ = _____ $\frac{11}{5}$ = _____ $\frac{3}{2}$ = _____

FRIDAY

$\frac{25}{9}$ = _____ $\frac{13}{8}$ = _____ $\frac{11}{7}$ = _____ $\frac{23}{9}$ = _____

$\frac{5}{2}$ = _____ $\frac{7}{3}$ = _____ $\frac{15}{9}$ = _____ $\frac{9}{6}$ = _____

Mad Minutes - 5th Grade - Week #31
Simplifying Eight Improper Fractions

Name: _____

Date: _____

MONDAY

$\frac{25}{9}$ = _____ $\frac{9}{6}$ = _____ $\frac{10}{4}$ = _____ $\frac{9}{4}$ = _____

$\frac{21}{8}$ = _____ $\frac{9}{5}$ = _____ $\frac{13}{7}$ = _____ $\frac{11}{6}$ = _____

TUESDAY

$\frac{16}{6}$ = _____ $\frac{8}{3}$ = _____ $\frac{5}{4}$ = _____ $\frac{11}{5}$ = _____

$\frac{3}{2}$ = _____ $\frac{9}{6}$ = _____ $\frac{7}{6}$ = _____ $\frac{4}{3}$ = _____

WEDNESDAY

$\frac{17}{8}$ = _____ $\frac{5}{4}$ = _____ $\frac{9}{6}$ = _____ $\frac{5}{3}$ = _____

$\frac{11}{6}$ = _____ $\frac{7}{5}$ = _____ $\frac{5}{2}$ = _____ $\frac{17}{7}$ = _____

THURSDAY

$\frac{4}{3}$ = _____ $\frac{18}{8}$ = _____ $\frac{20}{8}$ = _____ $\frac{5}{2}$ = _____

$\frac{7}{6}$ = _____ $\frac{7}{3}$ = _____ $\frac{11}{5}$ = _____ $\frac{3}{2}$ = _____

FRIDAY

$\frac{25}{9}$ = _____ $\frac{13}{8}$ = _____ $\frac{11}{7}$ = _____ $\frac{23}{9}$ = _____

$\frac{5}{2}$ = _____ $\frac{7}{3}$ = _____ $\frac{15}{9}$ = _____ $\frac{9}{6}$ = _____

Mad Minutes - 5th Grade - Week #32
Simplifying Ten Improper Fractions

Name: _____

Date: _____

MONDAY

$\frac{16}{9}$ = _____ $\frac{10}{4}$ = _____ $\frac{5}{2}$ = _____ $\frac{4}{3}$ = _____ $\frac{10}{6}$ = _____

$\frac{11}{5}$ = _____ $\frac{5}{4}$ = _____ $\frac{6}{4}$ = _____ $\frac{7}{3}$ = _____ $\frac{8}{5}$ = _____

TUESDAY

$\frac{19}{7}$ = _____ $\frac{7}{5}$ = _____ $\frac{3}{2}$ = _____ $\frac{15}{6}$ = _____ $\frac{8}{5}$ = _____

$\frac{9}{5}$ = _____ $\frac{5}{2}$ = _____ $\frac{5}{4}$ = _____ $\frac{17}{6}$ = _____ $\frac{24}{9}$ = _____

WEDNESDAY

$\frac{5}{4}$ = _____ $\frac{11}{4}$ = _____ $\frac{9}{5}$ = _____ $\frac{3}{2}$ = _____ $\frac{11}{9}$ = _____

$\frac{12}{7}$ = _____ $\frac{5}{3}$ = _____ $\frac{10}{7}$ = _____ $\frac{21}{8}$ = _____ $\frac{16}{9}$ = _____

THURSDAY

$\frac{4}{4}$ = _____ $\frac{16}{7}$ = _____ $\frac{7}{7}$ = _____ $\frac{7}{5}$ = _____ $\frac{5}{5}$ = _____

$\frac{6}{5}$ = _____ $\frac{6}{3}$ = _____ $\frac{5}{2}$ = _____ $\frac{14}{7}$ = _____ $\frac{12}{6}$ = _____

FRIDAY

$\frac{7}{3}$ = _____ $\frac{10}{6}$ = _____ $\frac{5}{2}$ = _____ $\frac{21}{8}$ = _____ $\frac{15}{7}$ = _____

$\frac{24}{9}$ = _____ $\frac{7}{4}$ = _____ $\frac{16}{6}$ = _____ $\frac{23}{9}$ = _____ $\frac{8}{7}$ = _____

Mad Minutes - 5th Grade - Week #33
Multiplication Facts 2's to 12's

Name: _____

Date: _____

MONDAY

3 × 10	2 × 11	4 × 4	12 × 12	9 × 6	11 × 5	9 × 5	2 × 6	6 × 4	12 × 7
2 × 11	11 × 7	11 × 11	10 × 10	3 × 10	4 × 11	6 × 6	9 × 6	4 × 10	11 × 8
10 × 11	11 × 5	7 × 11	6 × 4	1 × 12	1 × 6	2 × 8	2 × 12	5 × 12	6 × 11

TUESDAY

1 × 12	2 × 11	10 × 4	9 × 4	8 × 11	1 × 10	9 × 11	7 × 7	6 × 12	8 × 10
8 × 5	11 × 11	5 × 8	4 × 11	7 × 11	2 × 8	2 × 3	3 × 11	10 × 10	10 × 5
5 × 3	10 × 12	1 × 11	5 × 1	11 × 6	12 × 11	4 × 10	10 × 4	3 × 5	7 × 10

WEDNESDAY

9 × 7	2 × 12	4 × 5	12 × 12	5 × 11	5 × 5	6 × 10	5 × 2	5 × 10	8 × 12
3 × 8	6 × 11	5 × 8	11 × 11	12 × 12	6 × 8	10 × 12	1 × 3	2 × 9	9 × 10
10 × 11	7 × 11	11 × 12	2 × 2	9 × 2	4 × 10	3 × 12	12 × 4	8 × 3	10 × 3

THURSDAY

9 × 2	6 × 11	10 × 12	11 × 5	8 × 9	10 × 7	2 × 12	9 × 11	12 × 5	10 × 11
8 × 11	5 × 9	2 × 11	6 × 2	2 × 6	10 × 12	3 × 11	6 × 12	5 × 3	2 × 1
6 × 6	2 × 3	1 × 11	6 × 10	2 × 4	7 × 12	2 × 2	11 × 10	3 × 12	12 × 11

FRIDAY

8 × 9	10 × 2	5 × 11	5 × 3	11 × 5	2 × 2	8 × 5	4 × 12	1 × 2	11 × 9
7 × 4	8 × 11	12 × 8	11 × 12	9 × 11	3 × 9	9 × 4	10 × 6	3 × 3	2 × 12
12 × 4	5 × 10	3 × 11	6 × 10	3 × 4	9 × 5	2 × 11	1 × 10	7 × 8	4 × 8
5 × 12	4 × 11	2 × 12	10 × 10	2 × 10	7 × 8	2 × 2	8 × 7	6 × 10	5 × 5
3 × 11	5 × 2	1 × 11	8 × 11	7 × 2	11 × 11	9 × 10	1 × 6	10 × 11	11 × 12
9 × 11	1 × 5	4 × 1	11 × 8	6 × 5	9 × 1	11 × 10	10 × 6	2 × 8	2 × 11

Mad Minutes - 5th Grade - Week #34
Division Facts 2's to 12's

Name: _____

Date: _____

MONDAY

10) 40	9) 81	8) 72	12) 36	8) 80	8) 96	4) 28	7) 28	3) 18	5) 15
4) 20	4) 32	11) 55	9) 27	9) 108	9) 54	10) 20	7) 49	2) 24	9) 72
6) 18	10) 80	9) 63	6) 36	10) 70	11) 88	12) 48	2) 8	10) 50	3) 33

TUESDAY

5) 45	3) 12	3) 9	12) 24	4) 12	9) 81	9) 27	7) 49	11) 66	11) 44
5) 25	6) 54	4) 44	7) 77	4) 20	6) 30	7) 70	5) 50	3) 21	5) 30
6) 66	8) 24	10) 70	11) 22	7) 42	5) 20	12) 72	2) 16	9) 63	2) 10

WEDNESDAY

3) 12	4) 28	10) 120	8) 88	11) 88	11) 99	7) 49	9) 99	5) 30	5) 55
11) 77	12) 60	5) 45	5) 50	3) 15	4) 32	10) 20	7) 63	10) 70	8) 24
5) 25	4) 12	6) 54	4) 48	6) 48	7) 21	7) 70	8) 32	8) 96	4) 36

THURSDAY

3) 33	12) 60	12) 96	11) 33	5) 20	7) 70	12) 132	11) 55	5) 25	3) 9
3) 12	7) 49	4) 28	3) 24	11) 77	7) 35	3) 18	2) 14	9) 99	2) 18
4) 24	7) 56	10) 90	10) 50	10) 40	8) 88	5) 35	4) 40	9) 36	10) 70

FRIDAY

11) 66	8) 48	5) 35	11) 110	10) 40	12) 96	10) 60	5) 40	9) 36	7) 77
11) 33	4) 16	10) 80	4) 44	4) 28	8) 40	9) 99	2) 10	5) 50	3) 9
7) 56	9) 27	2) 16	3) 21	9) 90	4) 20	8) 72	5) 10	9) 63	8) 24
12) 36	6) 18	8) 88	10) 50	2) 8	4) 40	8) 80	6) 48	10) 110	4) 48
11) 77	3) 30	12) 120	4) 24	11) 44	9) 45	10) 70	9) 108	7) 70	3) 24
6) 42	6) 66	9) 81	3) 36	3) 15	10) 30	7) 21	6) 36	9) 18	7) 42

Mad Minutes - 5th Grade - Week #35
Multiplication Facts 2's to 12's

Name: _____

Date: _____

MONDAY

11 × 6	3 × 3	2 × 5	10 × 10	11 × 8	12 × 11	5 × 6	5 × 7	11 × 7	8 × 3
6 × 12	7 × 11	6 × 1	4 × 7	5 × 11	4 × 11	4 × 12	1 × 10	9 × 7	9 × 12
11 × 7	2 × 11	6 × 2	10 × 5	6 × 11	2 × 5	12 × 12	5 × 12	11 × 10	12 × 10

TUESDAY

6 × 2	11 × 2	4 × 5	11 × 7	9 × 4	7 × 12	5 × 6	11 × 12	10 × 11	9 × 11
2 × 11	4 × 4	5 × 3	4 × 8	7 × 4	3 × 12	7 × 8	4 × 10	7 × 11	8 × 11
11 × 11	6 × 1	1 × 5	8 × 8	6 × 10	8 × 3	3 × 11	12 × 1	10 × 11	6 × 11

WEDNESDAY

2 × 10	11 × 10	5 × 11	9 × 10	7 × 11	5 × 3	4 × 9	1 × 6	6 × 2	11 × 7
6 × 8	10 × 11	2 × 2	9 × 8	5 × 3	7 × 6	3 × 4	5 × 5	8 × 5	12 × 10
3 × 11	6 × 5	7 × 4	7 × 8	11 × 8	9 × 6	10 × 10	10 × 12	4 × 2	6 × 3

THURSDAY

3 × 5	2 × 11	3 × 11	10 × 1	4 × 10	7 × 8	8 × 11	11 × 8	9 × 8	5 × 3
2 × 2	6 × 11	4 × 10	4 × 9	3 × 10	11 × 11	5 × 11	12 × 9	7 × 3	7 × 12
6 × 8	10 × 3	11 × 6	2 × 4	2 × 10	12 × 12	4 × 11	10 × 1	2 × 11	2 × 3

FRIDAY

11 × 7	1 × 4	1 × 11	11 × 11	5 × 12	7 × 5	7 × 10	3 × 11	2 × 11	6 × 10
7 × 11	8 × 7	1 × 10	5 × 3	10 × 9	3 × 10	6 × 11	8 × 10	10 × 7	1 × 12
10 × 2	2 × 5	9 × 8	4 × 4	8 × 3	7 × 4	1 × 3	3 × 12	6 × 4	4 × 8
7 × 2	5 × 8	8 × 6	3 × 11	3 × 10	6 × 11	7 × 7	8 × 10	11 × 11	10 × 10
3 × 1	12 × 10	4 × 2	4 × 12	9 × 11	9 × 10	8 × 4	11 × 5	7 × 12	6 × 4
6 × 7	2 × 6	4 × 6	11 × 10	8 × 7	4 × 5	9 × 7	6 × 8	12 × 7	2 × 7

Mad Minutes - 5th Grade - Week #36
Multiplication Facts 2's to 12's

Name: _____

Date: _____

MONDAY

3 × 12	9 × 11	2 × 1	7 × 3	9 × 7	4 × 12	8 × 4	12 × 12	6 × 11	1 × 6
7 × 11	5 × 5	10 × 12	8 × 11	5 × 11	10 × 3	5 × 8	1 × 1	12 × 11	5 × 7
6 × 10	2 × 12	4 × 9	10 × 6	11 × 7	12 × 4	2 × 2	8 × 12	9 × 12	7 × 5

TUESDAY

4 × 7	4 × 2	5 × 8	9 × 10	4 × 10	3 × 9	4 × 11	11 × 7	8 × 10	10 × 12
6 × 12	11 × 12	8 × 12	5 × 8	1 × 2	10 × 11	11 × 4	1 × 10	12 × 8	9 × 12
3 × 12	4 × 5	12 × 11	1 × 7	7 × 2	8 × 10	11 × 11	3 × 11	2 × 10	1 × 8

WEDNESDAY

3 × 1	8 × 11	2 × 12	4 × 11	10 × 11	6 × 8	9 × 12	6 × 12	1 × 12	7 × 10
9 × 10	5 × 6	1 × 7	2 × 11	6 × 11	2 × 8	10 × 7	11 × 6	12 × 11	4 × 10
8 × 10	11 × 10	5 × 3	10 × 2	2 × 12	3 × 7	7 × 11	5 × 10	6 × 6	1 × 11

THURSDAY

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

FRIDAY

9 × 5	6 × 12	8 × 7	12 × 12	2 × 11	7 × 3	6 × 10	4 × 3	7 × 11	8 × 5
5 × 1	2 × 12	9 × 1	10 × 11	4 × 5	10 × 2	5 × 4	4 × 12	7 × 10	3 × 10
10 × 9	5 × 10	3 × 12	4 × 11	9 × 11	3 × 3	8 × 10	9 × 3	2 × 1	10 × 5
6 × 5	6 × 10	7 × 7	10 × 11	1 × 7	7 × 11	10 × 5	10 × 12	12 × 12	2 × 1
4 × 12	9 × 7	12 × 9	3 × 12	4 × 11	2 × 7	9 × 1	1 × 12	7 × 9	4 × 4
9 × 11	10 × 9	1 × 11	5 × 11	7 × 12	12 × 7	12 × 10	10 × 10	3 × 4	6 × 2