



NEW 6TH GRADE STUDENTS

SUMMER MATH

Hello, Welcome to 6th grade. I have attached 5 sets of timed tests. Each student should do a set at least once a week, the more the better. Facts are the building blocks of math success. Each set contains one addition, subtraction, multiplication, division and one reducing test. A student should try to each test separately using one minute for each test. A 6th grade student should be able to do 30 basic facts in one minute entering 6th grade and 40 per minute leaving 6th grade. A 6th grade student should be able to reduce 20 facts in one minute.

I am also listing a few websites if a student wants to practice basic skills,

6th grade student should know the basics of the following skills:

1. add, subtract, multiply and divide whole numbers, fractions, and decimals.
2. basic geometry terms and shapes
3. Finding perimeter and area of squares and rectangles and volume of a rectangular prism ($l \times w \times h$)
4. Standard units of measurement
5. Metric Units of Measure.
6. Changing fractions to decimals and decimals to fractions
7. Percent
8. Probability

WEBSITES: Just a few listed, many more can be found online

IXL Math – there is a free one- month trial, you will have to fill out basic information and remember to cancel at the end of the month if you no longer wish to use the site. Great site can go to grade level needed and can go up or down levels as needed. A student would practice skills they feel they need help with.

Adapted Mind – there is a one month free trial (same as IXL) many games geared toward a specific skill

Mathplayground.com

Funbrain.com

Math.com

khanacademy.org

Set 1

A

3

1

Thirty addition facts

THE MAD MINUTE

$$\begin{array}{r} 2 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

Set 1

A

6

1

Thirty subtraction facts

THE MAD MINUTE

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$$

Set 1

B

5

1

Thirty multiplication facts

THE MAD MINUTE

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

Set 1

C

6

1

Forty division facts

THE MAD MINUTE

$$\begin{array}{r} 4 \overline{) 0} \\ 6 \overline{) 6} \\ 8 \overline{) 64} \\ 5 \overline{) 30} \\ 7 \overline{) 14} \\ 8 \overline{) 48} \\ 8 \overline{) 8} \\ 4 \overline{) 20} \\ 7 \overline{) 63} \\ 2 \overline{) 2} \end{array}$$

$$\begin{array}{r} 9 \overline{) 36} \\ 8 \overline{) 24} \\ 4 \overline{) 24} \\ 7 \overline{) 28} \\ 6 \overline{) 18} \\ 8 \overline{) 0} \\ 2 \overline{) 16} \\ 6 \overline{) 42} \\ 2 \overline{) 8} \\ 5 \overline{) 40} \end{array}$$

$$\begin{array}{r} 8 \overline{) 32} \\ 5 \overline{) 20} \\ 9 \overline{) 27} \\ 9 \overline{) 72} \\ 7 \overline{) 35} \\ 3 \overline{) 21} \\ 4 \overline{) 4} \\ 6 \overline{) 36} \\ 9 \overline{) 0} \\ 8 \overline{) 40} \end{array}$$

$$\begin{array}{r} 6 \overline{) 12} \\ 9 \overline{) 18} \\ 4 \overline{) 32} \\ 7 \overline{) 49} \\ 9 \overline{) 54} \\ 6 \overline{) 24} \\ 8 \overline{) 16} \\ 9 \overline{) 45} \\ 5 \overline{) 0} \\ 9 \overline{) 9} \end{array}$$

Set 1

D **5** **1** **20** reducing facts, numerator less than or equal to denominator

THE MAD MINUTE

$$\frac{2}{4} \quad \frac{8}{12} \quad \frac{3}{9} \quad \frac{6}{15} \quad \frac{10}{20} \quad \frac{16}{16} \quad \frac{14}{16} \quad \frac{7}{14} \quad \frac{2}{12} \quad \frac{15}{24}$$

$$\frac{5}{20} \quad \frac{8}{16} \quad \frac{12}{20} \quad \frac{3}{6} \quad \frac{4}{12} \quad \frac{6}{20} \quad \frac{12}{16} \quad \frac{3}{30} \quad \frac{10}{12} \quad \frac{6}{10}$$

$$\frac{10}{16} \quad \frac{5}{30} \quad \frac{12}{12} \quad \frac{15}{18} \quad \frac{14}{20} \quad \frac{9}{24} \quad \frac{4}{8} \quad \frac{7}{21} \quad \frac{10}{15} \quad \frac{3}{30}$$

$$\frac{9}{18} \quad \frac{9}{30} \quad \frac{5}{15} \quad \frac{12}{18} \quad \frac{12}{15} \quad \frac{18}{20} \quad \frac{20}{24} \quad \frac{2}{18} \quad \frac{5}{10} \quad \frac{9}{36}$$

Set 2

A

3

2

Thirty addition facts

THE MAD MINUTE

$$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$$

A**6****2**

Thirty subtraction facts

THE MAD MINUTE

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

Set 2

B

5

2

Thirty multiplication facts

THE MAD MINUTE

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

C**6****2**

Forty division facts

THE MAD MINUTE

Set 2

$$3 \overline{)12}$$

$$6 \overline{)12}$$

$$3 \overline{)18}$$

$$7 \overline{)7}$$

$$9 \overline{)45}$$

$$5 \overline{)10}$$

$$9 \overline{)27}$$

$$9 \overline{)54}$$

$$6 \overline{)48}$$

$$7 \overline{)49}$$

$$5 \overline{)45}$$

$$5 \overline{)40}$$

$$8 \overline{)8}$$

$$6 \overline{)42}$$

$$7 \overline{)63}$$

$$9 \overline{)18}$$

$$4 \overline{)0}$$

$$8 \overline{)48}$$

$$5 \overline{)15}$$

$$7 \overline{)14}$$

$$8 \overline{)24}$$

$$9 \overline{)36}$$

$$7 \overline{)35}$$

$$5 \overline{)30}$$

$$8 \overline{)72}$$

$$7 \overline{)0}$$

$$9 \overline{)63}$$

$$6 \overline{)18}$$

$$4 \overline{)24}$$

$$8 \overline{)40}$$

$$6 \overline{)54}$$

$$2 \overline{)16}$$

$$8 \overline{)16}$$

$$9 \overline{)81}$$

$$3 \overline{)21}$$

$$7 \overline{)28}$$

$$4 \overline{)32}$$

$$6 \overline{)30}$$

$$8 \overline{)32}$$

$$5 \overline{)20}$$

D

5

2

20, reducing facts, numerator less than
or equal to denominator

Solve

THE MAD MINUTE

$$\frac{3}{6}$$

$$\frac{2}{6}$$

$$\frac{15}{15}$$

$$\frac{10}{12}$$

$$\frac{3}{12}$$

$$\frac{12}{24}$$

$$\frac{2}{12}$$

$$\frac{20}{30}$$

$$\frac{9}{18}$$

$$\frac{2}{10}$$

$$\frac{9}{24}$$

$$\frac{6}{8}$$

$$\frac{4}{6}$$

$$\frac{4}{8}$$

$$\frac{21}{24}$$

$$\frac{3}{9}$$

$$\frac{15}{20}$$

$$\frac{2}{8}$$

$$\frac{8}{16}$$

$$\frac{9}{12}$$

$$\frac{6}{9}$$

$$\frac{6}{24}$$

$$\frac{2}{4}$$

$$\frac{4}{12}$$

$$\frac{10}{16}$$

$$\frac{5}{10}$$

$$\frac{5}{20}$$

$$\frac{8}{12}$$

$$\frac{6}{18}$$

$$\frac{4}{40}$$

$$\frac{6}{18}$$

$$\frac{6}{12}$$

$$\frac{14}{20}$$

$$\frac{15}{20}$$

$$\frac{32}{32}$$

$$\frac{8}{20}$$

$$\frac{8}{24}$$

$$\frac{12}{16}$$

$$\frac{6}{20}$$

$$\frac{9}{15}$$

A

3

3

Thirty addition facts

THE MAD MINUTE

Set 3

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$$

A**6****3**

Thirty subtraction facts

THE MAD MINUTE

$$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

C

6

3

Forty division facts

50

THE MAD MINUTE

$$5 \overline{)30}$$

$$6 \overline{)6}$$

$$8 \overline{)48}$$

$$9 \overline{)36}$$

$$4 \overline{)24}$$

$$9 \overline{)27}$$

$$9 \overline{)45}$$

$$7 \overline{)63}$$

$$5 \overline{)35}$$

$$9 \overline{)0}$$

$$9 \overline{)54}$$

$$4 \overline{)8}$$

$$7 \overline{)14}$$

$$3 \overline{)21}$$

$$8 \overline{)64}$$

$$6 \overline{)24}$$

$$4 \overline{)20}$$

$$5 \overline{)20}$$

$$6 \overline{)18}$$

$$6 \overline{)42}$$

$$8 \overline{)8}$$

$$6 \overline{)30}$$

$$3 \overline{)9}$$

$$8 \overline{)72}$$

$$8 \overline{)40}$$

$$5 \overline{)0}$$

$$7 \overline{)28}$$

$$6 \overline{)48}$$

$$3 \overline{)6}$$

$$2 \overline{)14}$$

$$9 \overline{)18}$$

$$7 \overline{)42}$$

$$8 \overline{)16}$$

$$2 \overline{)8}$$

$$2 \overline{)16}$$

$$6 \overline{)54}$$

$$9 \overline{)72}$$

$$9 \overline{)81}$$

$$3 \overline{)24}$$

$$7 \overline{)35}$$

503

D **5** **3** **20** reducing facts, numerator less than
or equal to denominator

THE MAD MINUTE

$\frac{5}{20}$	$\frac{8}{16}$	$\frac{10}{16}$	$\frac{9}{18}$	$\frac{5}{30}$	$\frac{9}{30}$	$\frac{5}{15}$	$\frac{6}{12}$	$\frac{4}{20}$	$\frac{3}{3}$
$\frac{2}{4}$	$\frac{6}{15}$	$\frac{3}{6}$	$\frac{12}{12}$	$\frac{15}{18}$	$\frac{12}{18}$	$\frac{12}{15}$	$\frac{14}{20}$	$\frac{4}{12}$	$\frac{10}{20}$
$\frac{6}{16}$	$\frac{6}{20}$	$\frac{9}{24}$	$\frac{18}{20}$	$\frac{20}{24}$	$\frac{8}{8}$	$\frac{12}{16}$	$\frac{14}{16}$	$\frac{7}{14}$	$\frac{3}{30}$
$\frac{7}{21}$	$\frac{18}{18}$	$\frac{5}{10}$	$\frac{10}{15}$	$\frac{8}{12}$	$\frac{15}{24}$	$\frac{5}{10}$	$\frac{9}{36}$	$\frac{6}{10}$	$\frac{2}{24}$

A

3

4

Thirty addition facts

THE MAD MINUTE

$$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

A**6****4**

Thirty subtraction facts

THE MAD MINUTE

$$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$$

B**5****4**

Thirty multiplication facts

THE MAD MINUTE

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

C

6

4

Forty division facts

THE MAD MINUTE

$$6 \overline{)24}$$

$$9 \overline{)18}$$

$$5 \overline{)45}$$

$$6 \overline{)48}$$

$$8 \overline{)24}$$

$$9 \overline{)63}$$

$$8 \overline{)0}$$

$$7 \overline{)14}$$

$$4 \overline{)4}$$

$$8 \overline{)72}$$

$$3 \overline{)15}$$

$$7 \overline{)56}$$

$$8 \overline{)32}$$

$$3 \overline{)9}$$

$$3 \overline{)21}$$

$$9 \overline{)27}$$

$$6 \overline{)18}$$

$$7 \overline{)42}$$

$$7 \overline{)21}$$

$$6 \overline{)30}$$

$$8 \overline{)64}$$

$$6 \overline{)12}$$

$$9 \overline{)9}$$

$$9 \overline{)45}$$

$$4 \overline{)24}$$

$$5 \overline{)20}$$

$$2 \overline{)18}$$

$$6 \overline{)36}$$

$$6 \overline{)54}$$

$$9 \overline{)81}$$

$$7 \overline{)35}$$

$$9 \overline{)54}$$

$$4 \overline{)0}$$

$$8 \overline{)16}$$

$$3 \overline{)27}$$

$$9 \overline{)72}$$

$$7 \overline{)28}$$

$$6 \overline{)42}$$

$$9 \overline{)36}$$

$$7 \overline{)63}$$

D

5

4

20 reducing facts, numerator less than
or equal to denominator

THE MAD MINUTE

$$\frac{6}{10}$$

$$\frac{10}{12}$$

$$\frac{3}{30}$$

$$\frac{12}{16}$$

$$\frac{6}{20}$$

$$\frac{4}{12}$$

$$\frac{3}{6}$$

$$\frac{4}{20}$$

$$\frac{8}{16}$$

$$\frac{5}{20}$$

$$\frac{9}{36}$$

$$\frac{30}{30}$$

$$\frac{2}{18}$$

$$\frac{20}{24}$$

$$\frac{18}{20}$$

$$\frac{12}{15}$$

$$\frac{5}{15}$$

$$\frac{9}{30}$$

$$\frac{9}{18}$$

$$\frac{2}{24}$$

$$\frac{2}{12}$$

$$\frac{7}{14}$$

$$\frac{14}{16}$$

$$\frac{6}{16}$$

$$\frac{10}{20}$$

$$\frac{6}{15}$$

$$\frac{3}{9}$$

$$\frac{48}{48}$$

$$\frac{2}{4}$$

$$\frac{10}{15}$$

$$\frac{7}{24}$$

$$\frac{4}{8}$$

$$\frac{9}{24}$$

$$\frac{14}{20}$$

$$\frac{15}{18}$$

$$\frac{6}{12}$$

$$\frac{5}{30}$$

$$\frac{8}{32}$$

$$\frac{8}{40}$$

A

3

5

Thirty addition facts

THE MAD MINUTE

$$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

50x5

A

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Thirty subtraction facts

THE MAD MINUTE

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$$

B

5

5

Thirty multiplication facts

Copy

THE MAD MINUTE

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

C

6

5

Forty division facts

50

THE MAD MINUTE

$$7 \overline{)21}$$

$$9 \overline{)45}$$

$$5 \overline{)0}$$

$$7 \overline{)42}$$

$$4 \overline{)20}$$

$$6 \overline{)24}$$

$$8 \overline{)24}$$

$$5 \overline{)20}$$

$$7 \overline{)56}$$

$$2 \overline{)14}$$

$$9 \overline{)36}$$

$$2 \overline{)2}$$

$$9 \overline{)27}$$

$$3 \overline{)18}$$

$$3 \overline{)9}$$

$$7 \overline{)28}$$

$$8 \overline{)32}$$

$$8 \overline{)48}$$

$$8 \overline{)16}$$

$$7 \overline{)63}$$

$$5 \overline{)45}$$

$$7 \overline{)35}$$

$$6 \overline{)42}$$

$$8 \overline{)64}$$

$$2 \overline{)12}$$

$$6 \overline{)0}$$

$$6 \overline{)54}$$

$$5 \overline{)5}$$

$$4 \overline{)16}$$

$$6 \overline{)18}$$

$$5 \overline{)40}$$

$$9 \overline{)18}$$

$$5 \overline{)10}$$

$$8 \overline{)72}$$

$$7 \overline{)49}$$

$$6 \overline{)30}$$

$$6 \overline{)48}$$

$$8 \overline{)56}$$

$$9 \overline{)54}$$

$$7 \overline{)14}$$

D

5

5

20 reducing facts, numerator less than
or equal to denominator

THE MAD MINUTE

$$\frac{9}{18}$$

$$\frac{10}{16}$$

$$\frac{5}{20}$$

$$\frac{2}{4}$$

$$\frac{8}{12}$$

$$\frac{8}{16}$$

$$\frac{12}{30}$$

$$\frac{9}{30}$$

$$\frac{5}{15}$$

$$\frac{12}{12}$$

$$\frac{4}{20}$$

$$\frac{3}{9}$$

$$\frac{6}{15}$$

$$\frac{3}{6}$$

$$\frac{15}{18}$$

$$\frac{12}{12}$$

$$\frac{15}{15}$$

$$\frac{14}{20}$$

$$\frac{15}{30}$$

$$\frac{10}{20}$$

$$\frac{6}{16}$$

$$\frac{6}{20}$$

$$\frac{9}{9}$$

$$\frac{18}{20}$$

$$\frac{20}{24}$$

$$\frac{4}{8}$$

$$\frac{12}{16}$$

$$\frac{14}{16}$$

$$\frac{9}{24}$$

$$\frac{3}{30}$$

$$\frac{6}{6}$$

$$\frac{2}{18}$$

$$\frac{5}{10}$$

$$\frac{10}{15}$$

$$\frac{10}{12}$$

$$\frac{2}{12}$$

$$\frac{2}{24}$$

$$\frac{6}{10}$$

$$\frac{3}{30}$$

$$\frac{9}{36}$$