

4 C-4

Forty reducing facts, numerator less than  
or equal to denominator**THE MAD MINUTE**

$\frac{6}{10}$	$\frac{10}{12}$	$\frac{3}{30}$	$\frac{12}{16}$	$\frac{6}{20}$	$\frac{4}{12}$	$\frac{3}{6}$	$\frac{4}{20}$	$\frac{8}{16}$	$\frac{5}{20}$
$\frac{9}{6}$	$\frac{30}{30}$	$\frac{2}{18}$	$\frac{20}{24}$	$\frac{18}{20}$	$\frac{12}{15}$	$\frac{12}{18}$	$\frac{5}{15}$	$\frac{9}{30}$	$\frac{9}{18}$
$\frac{2}{4}$	$\frac{7}{12}$	$\frac{7}{14}$	$\frac{14}{16}$	$\frac{6}{16}$	$\frac{10}{20}$	$\frac{6}{15}$	$\frac{3}{9}$	$\frac{48}{48}$	$\frac{2}{4}$
$\frac{0}{5}$	$\frac{7}{21}$	$\frac{4}{8}$	$\frac{9}{24}$	$\frac{14}{20}$	$\frac{15}{18}$	$\frac{6}{12}$	$\frac{5}{30}$	$\frac{8}{32}$	$\frac{8}{40}$

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4 C-2

Forty reducing facts, numerator less than  
or equal to denominator**THE MAD MINUTE**

$\frac{3}{5}$	$\frac{2}{6}$	$\frac{15}{15}$	$\frac{10}{12}$	$\frac{3}{12}$	$\frac{12}{24}$	$\frac{2}{12}$	$\frac{20}{30}$	$\frac{9}{18}$	$\frac{2}{10}$
$\frac{2}{4}$	$\frac{6}{8}$	$\frac{4}{6}$	$\frac{4}{8}$	$\frac{21}{24}$	$\frac{3}{9}$	$\frac{15}{20}$	$\frac{2}{8}$	$\frac{8}{16}$	$\frac{9}{12}$
$\frac{5}{7}$	$\frac{6}{24}$	$\frac{2}{4}$	$\frac{4}{12}$	$\frac{10}{16}$	$\frac{5}{10}$	$\frac{5}{20}$	$\frac{8}{12}$	$\frac{6}{18}$	$\frac{4}{40}$
$\frac{5}{5}$	$\frac{6}{12}$	$\frac{14}{20}$	$\frac{15}{20}$	$\frac{32}{32}$	$\frac{8}{20}$	$\frac{12}{16}$	$\frac{12}{16}$	$\frac{6}{20}$	$\frac{9}{15}$

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4 C-3

Forty reducing facts, numerator less than  
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$\frac{5}{20}$	$\frac{8}{16}$	$\frac{10}{16}$	$\frac{9}{18}$	$\frac{5}{30}$	$\frac{9}{30}$	$\frac{6}{12}$	$\frac{5}{15}$	$\frac{4}{20}$	$\frac{3}{3}$
$\frac{2}{4}$	$\frac{6}{15}$	$\frac{3}{6}$	$\frac{12}{12}$	$\frac{15}{18}$	$\frac{12}{18}$	$\frac{14}{20}$	$\frac{12}{15}$	$\frac{4}{12}$	$\frac{10}{20}$
$\frac{6}{16}$	$\frac{6}{20}$	$\frac{9}{24}$	$\frac{18}{20}$	$\frac{20}{24}$	$\frac{8}{8}$	$\frac{14}{16}$	$\frac{12}{16}$	$\frac{7}{14}$	$\frac{3}{30}$
$\frac{7}{21}$	$\frac{18}{18}$	$\frac{5}{10}$	$\frac{10}{15}$	$\frac{8}{12}$	$\frac{15}{24}$	$\frac{9}{36}$	$\frac{5}{10}$	$\frac{6}{10}$	$\frac{2}{24}$

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4 C-1

Forty reducing facts, numerator less than  
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$\frac{2}{4}$	$\frac{8}{12}$	$\frac{3}{9}$	$\frac{6}{15}$	$\frac{10}{20}$	$\frac{16}{16}$	$\frac{14}{16}$	$\frac{7}{14}$	$\frac{2}{12}$	$\frac{15}{24}$
$\frac{5}{20}$	$\frac{8}{16}$	$\frac{12}{20}$	$\frac{3}{6}$	$\frac{4}{12}$	$\frac{6}{20}$	$\frac{12}{16}$	$\frac{3}{30}$	$\frac{10}{12}$	$\frac{6}{10}$
$\frac{10}{16}$	$\frac{5}{30}$	$\frac{12}{12}$	$\frac{15}{18}$	$\frac{14}{20}$	$\frac{9}{24}$	$\frac{4}{8}$	$\frac{7}{21}$	$\frac{10}{15}$	$\frac{3}{30}$
$\frac{9}{18}$	$\frac{9}{30}$	$\frac{5}{15}$	$\frac{12}{18}$	$\frac{12}{15}$	$\frac{18}{20}$	$\frac{20}{24}$	$\frac{2}{18}$	$\frac{5}{10}$	$\frac{9}{36}$

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4 C-8

Forty reducing facts, numerator greater than denominator

**THE MAD MINUTE**

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|---------------|----------------|-----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| $\frac{6}{3}$ | $\frac{9}{3}$  | $\frac{10}{6}$  | $\frac{12}{8}$ | $\frac{15}{6}$ | $\frac{20}{16}$ | $\frac{9}{6}$   | $\frac{10}{5}$  | $\frac{6}{4}$   | $\frac{12}{6}$  |
| $\frac{8}{4}$ | $\frac{8}{6}$  | $\frac{16}{12}$ | $\frac{18}{8}$ | $\frac{12}{3}$ | $\frac{20}{15}$ | $\frac{8}{2}$   | $\frac{44}{11}$ | $\frac{12}{10}$ | $\frac{16}{10}$ |
| $\frac{2}{4}$ | $\frac{15}{9}$ | $\frac{40}{5}$  | $\frac{18}{6}$ | $\frac{24}{8}$ | $\frac{24}{18}$ | $\frac{20}{6}$  | $\frac{15}{10}$ | $\frac{4}{2}$   | $\frac{25}{10}$ |
| $\frac{8}{4}$ | $\frac{30}{5}$ | $\frac{20}{14}$ | $\frac{8}{4}$  | $\frac{6}{2}$  | $\frac{10}{8}$  | $\frac{15}{12}$ | $\frac{18}{12}$ | $\frac{20}{10}$ | $\frac{16}{2}$  |

4 C-6

Forty reducing facts, numerator greater than denominator

**THE MAD MINUTE**

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|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| $\frac{24}{12}$ | $\frac{20}{14}$ | $\frac{6}{4}$   | $\frac{6}{4}$   | $\frac{6}{2}$  | $\frac{6}{3}$   | $\frac{14}{10}$ | $\frac{14}{10}$ | $\frac{12}{3}$  | $\frac{20}{15}$ | $\frac{15}{5}$  |
| $\frac{14}{7}$  | $\frac{15}{10}$ | $\frac{16}{4}$  | $\frac{18}{12}$ | $\frac{15}{6}$ | $\frac{12}{10}$ | $\frac{20}{4}$  | $\frac{20}{4}$  | $\frac{14}{12}$ | $\frac{14}{12}$ | $\frac{44}{33}$ |
| $\frac{8}{6}$   | $\frac{12}{6}$  | $\frac{12}{6}$  | $\frac{18}{3}$  | $\frac{10}{5}$ | $\frac{9}{3}$   | $\frac{10}{5}$  | $\frac{9}{6}$   | $\frac{10}{6}$  | $\frac{10}{6}$  | $\frac{15}{9}$  |
| $\frac{2}{11}$  | $\frac{10}{8}$  | $\frac{20}{12}$ | $\frac{12}{9}$  | $\frac{4}{2}$  | $\frac{16}{8}$  | $\frac{16}{12}$ | $\frac{8}{4}$   | $\frac{12}{4}$  | $\frac{12}{4}$  | $\frac{24}{6}$  |

4 C-7

Forty reducing facts, numerator greater than denominator

**THE MAD MINUTE**

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|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|
| $\frac{10}{8}$  | $\frac{6}{2}$   | $\frac{10}{6}$ | $\frac{16}{8}$  | $\frac{12}{3}$  | $\frac{24}{10}$ | $\frac{8}{4}$  | $\frac{10}{4}$ | $\frac{24}{6}$  | $\frac{12}{4}$  |
| $\frac{12}{10}$ | $\frac{44}{33}$ | $\frac{14}{7}$ | $\frac{18}{15}$ | $\frac{16}{12}$ | $\frac{12}{9}$  | $\frac{16}{6}$ | $\frac{18}{6}$ | $\frac{25}{20}$ | $\frac{14}{8}$  |
| $\frac{4}{2}$   | $\frac{8}{2}$   | $\frac{15}{6}$ | $\frac{15}{12}$ | $\frac{6}{4}$   | $\frac{10}{2}$  | $\frac{6}{3}$  | $\frac{16}{4}$ | $\frac{15}{5}$  | $\frac{20}{10}$ |
| $\frac{15}{3}$  | $\frac{10}{5}$  | $\frac{8}{6}$  | $\frac{9}{3}$   | $\frac{12}{8}$  | $\frac{20}{16}$ | $\frac{20}{5}$ | $\frac{20}{4}$ | $\frac{12}{6}$  | $\frac{21}{7}$  |

4 C-5

Forty reducing facts, numerator less than or equal to denominator

**THE MAD MINUTE**

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



4 C-9

Forty reducing facts, numerator greater than denominator

THE MAD MINUTE

$\frac{12}{9}$

$\frac{12}{4}$

$\frac{6}{3}$

$\frac{9}{3}$

$\frac{15}{5}$

$\frac{30}{5}$

$\frac{20}{14}$

$\frac{40}{5}$

$\frac{10}{4}$

$\frac{12}{8}$

$\frac{8}{2}$

$\frac{14}{7}$

$\frac{16}{10}$

$\frac{6}{4}$

$\frac{18}{15}$

$\frac{20}{15}$

$\frac{8}{6}$

$\frac{14}{8}$

$\frac{24}{18}$

$\frac{16}{4}$

$\frac{20}{6}$

$\frac{10}{8}$

$\frac{24}{12}$

$\frac{20}{16}$

$\frac{16}{8}$

$\frac{33}{22}$

$\frac{6}{2}$

$\frac{8}{4}$

$\frac{10}{6}$

$\frac{12}{10}$

$\frac{10}{5}$

$\frac{15}{10}$

$\frac{18}{12}$

$\frac{20}{10}$

$\frac{4}{2}$

$\frac{12}{3}$

$\frac{12}{6}$

$\frac{25}{5}$

$\frac{16}{12}$

4 C-10

denominator

THE MAD MINUTE

$\frac{10}{5}$

$\frac{18}{2}$

$\frac{20}{5}$

$\frac{8}{6}$

$\frac{9}{3}$

$\frac{9}{6}$

$\frac{4}{2}$

$\frac{16}{6}$

$\frac{22}{11}$

$\frac{8}{2}$

$\frac{12}{4}$

$\frac{10}{2}$

$\frac{14}{6}$

$\frac{15}{10}$

$\frac{18}{4}$

$\frac{6}{3}$

$\frac{15}{9}$

$\frac{20}{15}$

$\frac{18}{15}$

$\frac{30}{20}$

$\frac{24}{6}$

$\frac{10}{8}$

$\frac{12}{8}$

$\frac{12}{9}$

$\frac{12}{2}$

$\frac{18}{9}$

$\frac{16}{12}$

$\frac{16}{14}$

$\frac{14}{7}$

$\frac{10}{6}$

$\frac{12}{3}$

$\frac{12}{6}$

$\frac{10}{4}$

$\frac{20}{10}$

$\frac{6}{4}$

$\frac{12}{10}$

$\frac{16}{8}$

$\frac{55}{33}$

$\frac{8}{4}$

$\frac{6}{2}$