

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

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

$\frac{6}{10}$	$\frac{10}{12}$	$\frac{3}{30}$	$\frac{12}{16}$	$\frac{6}{20}$	$\frac{4}{12}$	$\frac{3}{6}$	$\frac{4}{20}$	$\frac{8}{16}$	$\frac{5}{20}$
$\frac{9}{36}$	$\frac{30}{30}$	$\frac{2}{18}$	$\frac{20}{24}$	$\frac{18}{20}$	$\frac{12}{15}$	$\frac{12}{18}$	$\frac{5}{15}$	$\frac{9}{30}$	$\frac{9}{18}$
$\frac{2}{24}$	$\frac{2}{12}$	$\frac{7}{14}$	$\frac{14}{16}$	$\frac{6}{16}$	$\frac{10}{20}$	$\frac{6}{15}$	$\frac{3}{9}$	$\frac{48}{48}$	$\frac{2}{4}$
$\frac{10}{15}$	$\frac{7}{21}$	$\frac{4}{8}$	$\frac{9}{24}$	$\frac{14}{20}$	$\frac{15}{18}$	$\frac{6}{12}$	$\frac{5}{30}$	$\frac{8}{32}$	$\frac{8}{40}$

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

Forty reducing facts, numerator less than or equal to denominator

THE MAD MINUTE

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

- | | | | | | | | | | |
|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|
| $\frac{10}{2}$ | $\frac{24}{12}$ | $\frac{20}{14}$ | $\frac{6}{4}$ | $\frac{6}{2}$ | $\frac{6}{3}$ | $\frac{14}{10}$ | $\frac{12}{3}$ | $\frac{20}{15}$ | $\frac{15}{5}$ |
| $\frac{12}{8}$ | $\frac{14}{7}$ | $\frac{15}{10}$ | $\frac{16}{4}$ | $\frac{18}{12}$ | $\frac{12}{10}$ | $\frac{15}{6}$ | $\frac{20}{4}$ | $\frac{14}{12}$ | $\frac{44}{33}$ |
| $\frac{8}{2}$ | $\frac{8}{6}$ | $\frac{12}{6}$ | $\frac{10}{4}$ | $\frac{18}{3}$ | $\frac{9}{3}$ | $\frac{16}{12}$ | $\frac{9}{6}$ | $\frac{10}{6}$ | $\frac{15}{9}$ |
| $\frac{22}{11}$ | $\frac{10}{8}$ | $\frac{20}{12}$ | $\frac{12}{9}$ | $\frac{4}{2}$ | $\frac{16}{8}$ | $\frac{16}{12}$ | $\frac{8}{4}$ | $\frac{12}{4}$ | $\frac{24}{6}$ |

Forty reducing facts, numerator greater than denominator

THE MAD MINUTE

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

Forty reducing facts, numerator greater than denominator

THE MAD MINUTE

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

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Forty reducing facts, numerator greater than denominator

THE MAD MINUTE

$$\frac{10}{5} \frac{\square}{\square} \frac{18}{2} \frac{20}{5} \frac{8}{6} \frac{9}{3} \frac{9}{6} \frac{4}{2} \frac{16}{6} \frac{22}{11} \frac{8}{2}$$

$$\frac{12}{4} \frac{10}{2} \frac{14}{6} \frac{15}{10} \frac{18}{4} \frac{6}{3} \frac{15}{9} \frac{20}{15} \frac{18}{15} \frac{30}{20}$$

$$\frac{24}{6} \frac{10}{8} \frac{12}{8} \frac{12}{9} \frac{18}{9} \frac{12}{2} \frac{16}{12} \frac{16}{14} \frac{14}{7} \frac{10}{6}$$

$$\frac{12}{3} \frac{12}{6} \frac{10}{4} \frac{20}{10} \frac{6}{4} \frac{12}{10} \frac{16}{8} \frac{55}{33} \frac{8}{4} \frac{6}{2}$$

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5 A-9

Forty reducing facts, numerator greater than denominator

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$$\frac{12}{9} \frac{12}{4} \frac{6}{3} \frac{9}{3} \frac{30}{5} \frac{40}{5} \frac{10}{4} \frac{12}{8}$$

$$\frac{8}{2} \frac{14}{7} \frac{16}{10} \frac{6}{4} \frac{20}{15} \frac{8}{6} \frac{14}{8} \frac{24}{18} \frac{16}{4}$$

$$\frac{20}{6} \frac{20}{5} \frac{10}{8} \frac{24}{12} \frac{16}{8} \frac{33}{22} \frac{6}{2} \frac{8}{4} \frac{10}{6}$$

$$\frac{12}{10} \frac{10}{5} \frac{15}{10} \frac{18}{12} \frac{4}{2} \frac{12}{3} \frac{12}{6} \frac{25}{5} \frac{16}{12}$$

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5 A-12

Sixty multiplication facts

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$$\frac{5}{5} \frac{8}{9} \frac{7}{1} \frac{2}{5} \frac{3}{3} \frac{6}{7} \frac{3}{5} \frac{9}{4} \frac{2}{9} \frac{5}{8}$$

$$\frac{7}{7} \frac{4}{3} \frac{6}{5} \frac{4}{8} \frac{8}{6} \frac{8}{4} \frac{7}{9} \frac{4}{0} \frac{6}{8} \frac{8}{7}$$

$$\frac{6}{6} \frac{5}{3} \frac{3}{8} \frac{7}{4} \frac{5}{7} \frac{7}{5} \frac{0}{6} \frac{7}{8} \frac{9}{2} \frac{9}{3}$$

$$\frac{2}{2} \frac{4}{7} \frac{7}{0} \frac{6}{4} \frac{9}{9} \frac{8}{2} \frac{2}{6} \frac{2}{7} \frac{6}{9} \frac{8}{8}$$

$$\frac{8}{8} \frac{5}{4} \frac{3}{7} \frac{9}{8} \frac{6}{3} \frac{5}{6} \frac{3}{4} \frac{5}{1} \frac{8}{5} \frac{3}{9}$$

$$\frac{4}{4} \frac{2}{8} \frac{3}{6} \frac{9}{5} \frac{2}{4} \frac{4}{9} \frac{9}{7} \frac{7}{3} \frac{4}{6} \frac{6}{2}$$

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5 A-11

Sixty multiplication facts

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$$\frac{5}{8} \frac{3}{9} \frac{5}{6} \frac{4}{7} \frac{8}{5} \frac{9}{4} \frac{7}{3} \frac{4}{9} \frac{3}{6} \frac{2}{4}$$

$$\frac{7}{7} \frac{4}{6} \frac{3}{1} \frac{6}{8} \frac{9}{9} \frac{2}{3} \frac{5}{7} \frac{3}{4} \frac{3}{8} \frac{7}{5}$$

$$\frac{9}{6} \frac{2}{8} \frac{8}{9} \frac{5}{2} \frac{8}{3} \frac{7}{8} \frac{6}{6} \frac{9}{0} \frac{4}{4} \frac{9}{7}$$

$$\frac{2}{7} \frac{7}{9} \frac{9}{2} \frac{9}{3} \frac{7}{6} \frac{8}{4} \frac{8}{4} \frac{5}{9} \frac{2}{6} \frac{4}{8}$$

$$\frac{0}{8} \frac{3}{0} \frac{5}{5} \frac{7}{7} \frac{6}{9} \frac{6}{3} \frac{7}{4} \frac{8}{1} \frac{4}{3} \frac{5}{4}$$

$$\frac{2}{9} \frac{4}{5} \frac{8}{6} \frac{9}{8} \frac{5}{3} \frac{6}{5} \frac{8}{7} \frac{6}{4} \frac{1}{9} \frac{8}{2}$$

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$\frac{2}{x2}$	$\frac{5}{x3}$	$\frac{5}{x4}$	$\frac{6}{x5}$	$\frac{8}{x1}$	$\frac{3}{x3}$	$\frac{9}{x7}$	$\frac{3}{x4}$	$\frac{8}{x8}$	$\frac{9}{x2}$
$\frac{6}{x3}$	$\frac{6}{x6}$	$\frac{7}{x5}$	$\frac{2}{x8}$	$\frac{9}{x9}$	$\frac{9}{x6}$	$\frac{9}{x8}$	$\frac{6}{x2}$	$\frac{4}{x0}$	$\frac{3}{x6}$
$\frac{7}{x6}$	$\frac{3}{x7}$	$\frac{7}{x1}$	$\frac{6}{x4}$	$\frac{3}{x2}$	$\frac{7}{x8}$	$\frac{8}{x7}$	$\frac{3}{x8}$	$\frac{4}{x6}$	$\frac{9}{x4}$
$\frac{4}{x4}$	$\frac{8}{x5}$	$\frac{8}{x9}$	$\frac{7}{x7}$	$\frac{7}{x4}$	$\frac{7}{x9}$	$\frac{5}{x0}$	$\frac{4}{x3}$	$\frac{7}{x2}$	$\frac{4}{x7}$
$\frac{2}{x7}$	$\frac{6}{x7}$	$\frac{0}{x2}$	$\frac{5}{x6}$	$\frac{6}{x8}$	$\frac{8}{x3}$	$\frac{6}{x9}$	$\frac{2}{x5}$	$\frac{4}{x8}$	$\frac{2}{x6}$
$\frac{5}{x2}$	$\frac{5}{x8}$	$\frac{5}{x9}$	$\frac{9}{x3}$	$\frac{9}{x5}$	$\frac{5}{x7}$	$\frac{8}{x2}$	$\frac{1}{x6}$	$\frac{8}{x4}$	$\frac{3}{x5}$

$\frac{6}{x2}$	$\frac{9}{x3}$	$\frac{7}{x4}$	$\frac{8}{x6}$	$\frac{7}{x7}$	$\frac{4}{x6}$	$\frac{7}{x9}$	$\frac{3}{x4}$	$\frac{4}{x8}$	$\frac{4}{x1}$
$\frac{8}{x5}$	$\frac{9}{x8}$	$\frac{8}{x3}$	$\frac{8}{x0}$	$\frac{9}{x5}$	$\frac{6}{x7}$	$\frac{6}{x9}$	$\frac{0}{x5}$	$\frac{5}{x6}$	$\frac{2}{x8}$
$\frac{9}{x6}$	$\frac{6}{x4}$	$\frac{8}{x8}$	$\frac{5}{x2}$	$\frac{5}{x7}$	$\frac{7}{x6}$	$\frac{7}{x5}$	$\frac{1}{x3}$	$\frac{8}{x7}$	$\frac{9}{x7}$
$\frac{6}{x0}$	$\frac{8}{x9}$	$\frac{7}{x3}$	$\frac{6}{x6}$	$\frac{8}{x0}$	$\frac{9}{x4}$	$\frac{6}{x3}$	$\frac{5}{x9}$	$\frac{5}{x8}$	$\frac{2}{x9}$
$\frac{4}{x4}$	$\frac{9}{x2}$	$\frac{7}{x8}$	$\frac{8}{x1}$	$\frac{5}{x5}$	$\frac{6}{x8}$	$\frac{7}{x2}$	$\frac{6}{x5}$	$\frac{3}{x9}$	$\frac{2}{x7}$
$\frac{3}{x7}$	$\frac{5}{x4}$	$\frac{8}{x2}$	$\frac{9}{x9}$	$\frac{4}{x7}$	$\frac{2}{x2}$	$\frac{4}{x9}$	$\frac{3}{x8}$	$\frac{4}{x5}$	$\frac{9}{x7}$

$\frac{9}{181}$	$\frac{7}{121}$	$\frac{8}{140}$	$\frac{6}{154}$	$\frac{5}{115}$	$\frac{8}{116}$	$\frac{6}{118}$	$\frac{4}{116}$	$\frac{9}{127}$	$\frac{5}{145}$
$\frac{5}{15}$	$\frac{6}{148}$	$\frac{3}{127}$	$\frac{9}{172}$	$\frac{7}{163}$	$\frac{6}{112}$	$\frac{9}{10}$	$\frac{2}{118}$	$\frac{4}{132}$	$\frac{7}{135}$
$\frac{5}{120}$	$\frac{8}{132}$	$\frac{2}{110}$	$\frac{5}{125}$	$\frac{2}{116}$	$\frac{8}{148}$	$\frac{4}{128}$	$\frac{7}{114}$	$\frac{9}{136}$	$\frac{5}{140}$
$\frac{8}{124}$	$\frac{9}{19}$	$\frac{6}{124}$	$\frac{4}{124}$	$\frac{9}{163}$	$\frac{5}{110}$	$\frac{6}{142}$	$\frac{8}{156}$	$\frac{3}{118}$	$\frac{7}{142}$
$\frac{2}{114}$	$\frac{7}{156}$	$\frac{5}{130}$	$\frac{3}{124}$	$\frac{8}{164}$	$\frac{7}{128}$	$\frac{9}{154}$	$\frac{4}{136}$	$\frac{5}{135}$	$\frac{4}{112}$
$\frac{4}{120}$	$\frac{9}{145}$	$\frac{3}{121}$	$\frac{2}{112}$	$\frac{6}{130}$	$\frac{5}{10}$	$\frac{8}{172}$	$\frac{3}{115}$	$\frac{7}{149}$	$\frac{6}{136}$

$\frac{4}{x9}$	$\frac{9}{x8}$	$\frac{2}{x7}$	$\frac{5}{x6}$	$\frac{3}{x9}$	$\frac{7}{x0}$	$\frac{9}{x7}$	$\frac{4}{x4}$	$\frac{9}{x9}$	$\frac{3}{x5}$
$\frac{4}{x5}$	$\frac{1}{x9}$	$\frac{8}{x1}$	$\frac{6}{x3}$	$\frac{8}{x5}$	$\frac{9}{x3}$	$\frac{7}{x8}$	$\frac{6}{x4}$	$\frac{6}{x7}$	$\frac{9}{x6}$
$\frac{8}{x7}$	$\frac{5}{x4}$	$\frac{3}{x7}$	$\frac{5}{x9}$	$\frac{5}{x3}$	$\frac{6}{x8}$	$\frac{5}{x5}$	$\frac{8}{x9}$	$\frac{9}{x2}$	$\frac{2}{x6}$
$\frac{6}{x6}$	$\frac{6}{x9}$	$\frac{5}{x8}$	$\frac{8}{x3}$	$\frac{6}{x5}$	$\frac{8}{x6}$	$\frac{7}{x2}$	$\frac{5}{x1}$	$\frac{2}{x8}$	$\frac{7}{x4}$
$\frac{1}{x9}$	$\frac{3}{x0}$	$\frac{7}{x6}$	$\frac{4}{x8}$	$\frac{4}{x7}$	$\frac{7}{x9}$	$\frac{9}{x4}$	$\frac{7}{x3}$	$\frac{3}{x6}$	$\frac{4}{x3}$
$\frac{2}{x5}$	$\frac{7}{x7}$	$\frac{3}{x4}$	$\frac{2}{x9}$	$\frac{9}{x5}$	$\frac{8}{x4}$	$\frac{3}{x8}$	$\frac{4}{x6}$	$\frac{8}{x2}$	$\frac{0}{x8}$

9 0	8 40	7 49	3 24	5 45	6 36	7 21	4 28	9 72	6 18
5 15	8 48	2 16	8 18	7 28	9 9	3 21	5 40	6 54	8 24
9 27	2 6	9 54	6 12	2 10	6 42	8 32	5 35	9 63	7 63
2 14	7 35	2 18	5 30	8 56	2 8	3 12	4 24	7 42	6 24
8 16	9 36	3 18	5 25	4 36	3 9	8 64	7 7	4 32	8 72
9 18	8 0	3 15	6 48	5 20	7 14	7 56	9 81	3 27	6 30

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6 54	7 14	8 40	9 27	4 24	7 63	3 18	5 25	8 18	6 18
9 18	5 40	2 16	7 21	8 48	4 28	8 24	6 24	9 63	4 16
6 0	9 36	6 48	8 16	3 12	4 8	2 0	7 35	3 27	8 32
8 72	5 20	6 12	4 32	7 28	6 42	2 18	8 56	5 30	6 30
6 6	4 20	7 56	2 12	9 45	5 40	4 12	3 24	4 36	7 42
3 15	9 54	5 15	3 21	8 64	5 0	7 49	3 9	6 36	5 45

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3 27	5 45	6 36	7 63	8 72	4 16	8 24	7 35	5 20	
4 36	7 14	2 10	3 24	9 81	6 12	7 56	9 18	3 18	4 20
8 40	9 9	6 42	4 32	5 40	9 36	8 16	5 35	8 48	6 30
7 28	3 9	4 12	9 72	6 18	3 21	5 30	4 24	9 54	
4 8	6 48	2 12	8 64	2 14	7 49	4 28	9 63	2 16	3 15
2 18	8 32	3 12	9 27	9 0	7 42	5 25	6 24	9 45	8 56

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5 10	9 18	8 40	6 54	5 45	7 63	8 24	7 35	9 72	8 18
6 12	2 12	5 15	9 27	7 0	4 12	6 42	3 18	5 35	8 56
9 81	7 21	8 64	9 63	5 20	6 18	4 24	6 36	7 7	4 36
4 32	9 54	4 8	3 12	8 32	7 56	5 25	9 36	2 14	8 16
8 72	3 15	6 24	7 49	3 0	4 28	4 20	3 27	7 14	6 30
5 30	7 42	2 16	4 16	9 45	6 48	8 48	2 18	5 40	3 24

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$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$
$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 0 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$

8 24	6 24	7 49	8 72	5 45	4 36	7 0	3 27	8 56	9 36
4 20	6 54	3 18	7 56	6 30	8 64	5 40	4 32	9 45	3 24
3 15	9 9	5 15	7 63	2 10	6 36	5 35	9 54	4 28	2 18
8 16	6 18	9 18	7 14	2 16	3 21	9 63	7 42	6 42	4 24
5 20	7 21	6 12	9 27	8 40	9 72	2 6	5 30	2 0	8 8
2 12	4 12	2 14	7 28	9 81	5 25	4 16	8 48	3 18	6 48

3 18	5 45	6 54	7 42	4 32	8 64	9 54	2 18	8 8	9 63
5 40	4 36	3 27	4 12	6 48	3 0	7 49	8 56	9 45	8 16
6 30	9 36	5 35	8 48	4 8	3 24	6 42	4 28	5 5	7 56
8 40	3 6	7 14	8 32	6 36	5 30	3 21	7 63	4 24	5 10
7 21	9 27	2 16	3 9	5 25	7 0	4 20	3 18	5 15	6 12
6 24	9 18	7 28	3 12	8 72	4 16	5 20	8 24	3 15	6 18

4 4	6 36	8 56	9 27	5 30	3 0	4 12	6 18	2 18	8 16
3 12	7 63	5 25	6 42	8 64	9 36	4 16	8 24	4 8	6 24
8 40	4 20	5 20	6 12	7 56	9 45	7 14	8 32	6 30	3 27
4 24	6 6	8 72	4 28	9 54	7 49	7 21	4 36	2 0	9 63
8 48	3 18	5 15	8 32	7 28	6 48	5 35	7 42	9 72	3 24
5 10	3 15	2 14	4 32	5 40	2 12	3 21	6 54	7 35	5 45

$6 \overline{)36}$	$7 \overline{)49}$	$8 \overline{)56}$	$9 \overline{)54}$	$6 \overline{)48}$	$5 \overline{)45}$	$7 \overline{)63}$	$9 \overline{)45}$	$6 \overline{)54}$	$4 \overline{)32}$
$7 \overline{)42}$	$6 \overline{)42}$	$4 \overline{)28}$	$8 \overline{)32}$	$9 \overline{)0}$	$4 \overline{)36}$	$7 \overline{)56}$	$2 \overline{)12}$	$8 \overline{)40}$	$5 \overline{)40}$
$8 \overline{)64}$	$4 \overline{)24}$	$8 \overline{)24}$	$3 \overline{)27}$	$5 \overline{)35}$	$8 \overline{)48}$	$6 \overline{)30}$	$9 \overline{)27}$	$7 \overline{)35}$	$3 \overline{)6}$
$7 \overline{)7}$	$5 \overline{)30}$	$8 \overline{)16}$	$8 \overline{)72}$	$9 \overline{)18}$	$6 \overline{)24}$	$3 \overline{)24}$	$3 \overline{)9}$	$2 \overline{)18}$	$4 \overline{)12}$
$5 \overline{)25}$	$8 \overline{)0}$	$6 \overline{)18}$	$7 \overline{)14}$	$5 \overline{)20}$	$3 \overline{)12}$	$7 \overline{)28}$	$2 \overline{)16}$	$6 \overline{)72}$	$4 \overline{)8}$
$3 \overline{)3}$	$3 \overline{)15}$	$4 \overline{)20}$	$3 \overline{)18}$	$9 \overline{)36}$	$7 \overline{)21}$	$3 \overline{)21}$	$6 \overline{)6}$	$4 \overline{)16}$	$2 \overline{)14}$

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$7 \overline{)63}$	$8 \overline{)48}$	$9 \overline{)45}$	$5 \overline{)45}$	$3 \overline{)27}$	$2 \overline{)12}$	$4 \overline{)36}$	$3 \overline{)6}$	$4 \overline{)32}$	$6 \overline{)54}$
$8 \overline{)40}$	$7 \overline{)56}$	$9 \overline{)54}$	$5 \overline{)40}$	$6 \overline{)0}$	$4 \overline{)28}$	$7 \overline{)14}$	$5 \overline{)10}$	$8 \overline{)72}$	$3 \overline{)24}$
$5 \overline{)30}$	$7 \overline{)49}$	$6 \overline{)12}$	$8 \overline{)56}$	$2 \overline{)18}$	$9 \overline{)63}$	$6 \overline{)48}$	$3 \overline{)21}$	$9 \overline{)36}$	$5 \overline{)15}$
$3 \overline{)18}$	$6 \overline{)18}$	$5 \overline{)35}$	$8 \overline{)32}$	$6 \overline{)42}$	$7 \overline{)42}$	$9 \overline{)27}$	$8 \overline{)64}$	$3 \overline{)9}$	$4 \overline{)12}$
$2 \overline{)14}$	$4 \overline{)0}$	$6 \overline{)24}$	$6 \overline{)36}$	$3 \overline{)15}$	$9 \overline{)18}$	$4 \overline{)16}$	$7 \overline{)35}$	$5 \overline{)20}$	$8 \overline{)16}$
$4 \overline{)20}$	$9 \overline{)9}$	$7 \overline{)21}$	$8 \overline{)24}$	$6 \overline{)30}$	$5 \overline{)25}$	$7 \overline{)28}$	$3 \overline{)12}$	$4 \overline{)8}$	$2 \overline{)16}$

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$\frac{6}{16}$	$\frac{5}{10}$	$\frac{4}{10}$	$\frac{3}{3}$	$\frac{2}{16}$	$\frac{8}{10}$	$\frac{20}{4}$	$\frac{6}{8}$	$\frac{3}{6}$	$\frac{5}{25}$
$\frac{6}{20}$	$\frac{5}{10}$	$\frac{7}{7}$	$\frac{4}{6}$	$\frac{6}{10}$	$\frac{3}{18}$	$\frac{5}{20}$	$\frac{2}{4}$	$\frac{8}{16}$	$\frac{12}{2}$
$\frac{4}{20}$	$\frac{8}{8}$	$\frac{2}{10}$	$\frac{9}{15}$	$\frac{8}{4}$	$\frac{6}{12}$	$\frac{12}{24}$	$\frac{2}{12}$	$\frac{8}{20}$	$\frac{6}{15}$
$\frac{2}{8}$	$\frac{5}{30}$	$\frac{20}{8}$	$\frac{4}{8}$	$\frac{3}{12}$	$\frac{10}{20}$	$\frac{5}{15}$	$\frac{6}{6}$	$\frac{3}{9}$	$\frac{4}{12}$
$\frac{12}{16}$	$\frac{3}{15}$	$\frac{15}{6}$	$\frac{9}{9}$	$\frac{5}{20}$	$\frac{5}{15}$	$\frac{2}{6}$	$\frac{8}{12}$	$\frac{4}{16}$	$\frac{15}{20}$

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$\frac{2}{4}$	$\frac{2}{10}$	$\frac{6}{12}$	$\frac{9}{6}$	$\frac{16}{12}$	$\frac{8}{16}$	$\frac{3}{3}$	$\frac{10}{15}$	$\frac{6}{10}$	$\frac{2}{8}$
$\frac{10}{14}$	$\frac{2}{6}$	$\frac{8}{16}$	$\frac{5}{10}$	$\frac{2}{16}$	$\frac{8}{4}$	$\frac{12}{15}$	$\frac{3}{6}$	$\frac{10}{10}$	$\frac{2}{14}$
$\frac{2}{2}$	$\frac{5}{15}$	$\frac{4}{6}$	$\frac{4}{10}$	$\frac{9}{12}$	$\frac{6}{9}$	$\frac{4}{8}$	$\frac{12}{8}$	$\frac{3}{12}$	$\frac{7}{14}$
$\frac{6}{8}$	$\frac{6}{14}$	$\frac{2}{12}$	$\frac{4}{16}$	$\frac{10}{12}$	$\frac{3}{9}$	$\frac{8}{14}$	$\frac{8}{8}$	$\frac{12}{14}$	$\frac{12}{3}$
$\frac{8}{12}$	$\frac{9}{15}$	$\frac{8}{10}$	$\frac{10}{16}$	$\frac{14}{7}$	$\frac{4}{4}$	$\frac{6}{16}$	$\frac{6}{15}$	$\frac{4}{12}$	$\frac{4}{14}$

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