

Multiplying With 7, 8, 9 (E)

Note: The second factor has a range of 1 to 9.

$$\begin{array}{r} 1 & 8 & 7 & 8 & 9 & 7 & 9 & 7 & 4 & 7 \\ \times 9 & \times 3 & \times 8 & \times 4 & \times 9 & \times 2 & \times 8 & \times 4 & \times 9 & \times 9 \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline x \quad 9 \end{array} \quad \begin{array}{r} 1 \\ \times 7 \\ \hline x \quad 9 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline x \quad 3 \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline x \quad 9 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline x \quad 9 \end{array} \quad \begin{array}{r} 8 \\ \times 9 \\ \hline x \quad 8 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline x \quad 6 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline x \quad 7 \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline x \quad 6 \end{array}$$

$$\begin{array}{cccccccccccccc} 8 & & 8 & & 3 & & 3 & & 6 & & 3 & & 7 & & 6 & & 9 & & 3 \\ \times 3 & & \times 8 & & \times 9 & & \times 9 & & \times 7 & & \times 7 & & \times 6 & & \times 7 & & \times 9 & & \times 9 \end{array}$$

$$\begin{array}{cccccccccccccc} 9 & & 1 & & 7 & & 5 & & 9 & & 6 & & 5 & & 7 & & 7 & & 5 \\ \times 7 & & \times 9 & & \times 8 & & \times 7 & & \times 2 & & \times 8 & & \times 7 & & \times 9 & & \times 8 & & \times 9 \end{array}$$

$$\begin{array}{cccccccccccccc} 9 & 9 & 6 & 8 & 1 & 2 & 9 & 7 & 4 & 6 \\ \times 8 & \times 3 & \times 8 & \times 9 & \times 9 & \times 7 & \times 6 & \times 8 & \times 7 & \times 7 \end{array}$$

$$\begin{array}{cccccccccccccc} 9 & & 2 & & 7 & & 6 & & 4 & & 7 & & 8 & & 6 & & 5 & & 7 \\ \times 7 & & \times 8 & & \times 2 & & \times 8 & & \times 7 & & \times 1 \end{array}$$

$$\begin{array}{cccccccccccccc} 8 & & 6 & & 4 & & 6 & & 7 & & 6 & & 8 & & 9 & & 9 & & 8 \\ \times & 8 & \times & 9 & \times & 9 & \times & 7 & \times & 8 & \times & 8 & \times & 9 & \times & 6 & \times & 6 & \times & 8 \end{array}$$

3 9 9 8 3 7 8 4 4 5 1
x 7 x 8 x 7 x 1 x 7 x 8 x 8 x 8 x 8 x 7 x 8

$$8 \quad 8 \quad 1 \quad 7 \quad 7 \quad 3 \quad 8 \quad 6 \quad 7 \quad 7$$

$\times 9 \quad \times 4 \quad \times 7 \quad \times 4 \quad \times 4 \quad \times 7 \quad \times 4 \quad \times 7 \quad \times 7 \quad \times 2$

9 2 8 9 8 4 7 5 6 8
x 4 x 7 x 1 x 1 x 5 x 9 x 7 x 9 x 8 x 7

Multiplying With 7, 8, 9 (E) Answers

$\frac{1}{9}$	$\frac{8}{24}$	$\frac{7}{56}$	$\frac{8}{32}$	$\frac{9}{81}$	$\frac{7}{14}$	$\frac{9}{72}$	$\frac{7}{28}$	$\frac{4}{36}$	$\frac{7}{63}$
$\frac{3}{7}$	$\frac{1}{9}$	$\frac{8}{56}$	$\frac{6}{48}$	$\frac{9}{27}$	$\frac{8}{56}$	$\frac{9}{72}$	$\frac{8}{72}$	$\frac{7}{42}$	$\frac{6}{42}$
$\frac{8}{24}$	$\frac{8}{64}$	$\frac{3}{27}$	$\frac{3}{27}$	$\frac{6}{42}$	$\frac{3}{21}$	$\frac{7}{42}$	$\frac{6}{42}$	$\frac{9}{81}$	$\frac{3}{27}$
$\frac{9}{63}$	$\frac{1}{9}$	$\frac{7}{56}$	$\frac{5}{35}$	$\frac{9}{18}$	$\frac{6}{48}$	$\frac{5}{35}$	$\frac{7}{63}$	$\frac{7}{56}$	$\frac{5}{45}$
$\frac{9}{72}$	$\frac{9}{27}$	$\frac{6}{48}$	$\frac{8}{72}$	$\frac{1}{9}$	$\frac{2}{14}$	$\frac{9}{54}$	$\frac{7}{56}$	$\frac{4}{28}$	$\frac{6}{42}$
$\frac{9}{63}$	$\frac{2}{16}$	$\frac{7}{14}$	$\frac{6}{48}$	$\frac{4}{28}$	$\frac{7}{49}$	$\frac{8}{56}$	$\frac{6}{42}$	$\frac{5}{35}$	$\frac{7}{7}$
$\frac{8}{64}$	$\frac{9}{54}$	$\frac{4}{36}$	$\frac{7}{42}$	$\frac{8}{56}$	$\frac{8}{48}$	$\frac{9}{72}$	$\frac{6}{54}$	$\frac{6}{54}$	$\frac{8}{64}$
$\frac{3}{21}$	$\frac{9}{72}$	$\frac{9}{63}$	$\frac{1}{8}$	$\frac{7}{21}$	$\frac{8}{56}$	$\frac{7}{32}$	$\frac{8}{32}$	$\frac{7}{35}$	$\frac{8}{8}$
$\frac{8}{72}$	$\frac{4}{32}$	$\frac{7}{7}$	$\frac{4}{28}$	$\frac{4}{28}$	$\frac{7}{21}$	$\frac{4}{32}$	$\frac{7}{42}$	$\frac{7}{49}$	$\frac{2}{14}$
$\frac{9}{36}$	$\frac{2}{14}$	$\frac{1}{8}$	$\frac{1}{9}$	$\frac{5}{40}$	$\frac{8}{36}$	$\frac{7}{49}$	$\frac{5}{45}$	$\frac{6}{48}$	$\frac{8}{56}$