

Dividing by Multiples of Positive Powers of Ten

Two-Digit Facts

$$\begin{array}{l} 465 \div 5 = \\ 465 \div 50 = \\ 465 \div 500 = \\ 465 \div 5,000 = \\ 465 \div 50,000 = \end{array} \qquad \begin{array}{l} 342 \div 9 = \\ 342 \div 90 = \\ 342 \div 900 = \\ 342 \div 9,000 = \\ 342 \div 90,000 = \end{array}$$

$$\begin{array}{l} 376 \div 8 = \\ 376 \div 80 = \\ 376 \div 800 = \\ 376 \div 8,000 = \\ 376 \div 80,000 = \end{array} \qquad \begin{array}{l} 249 \div 3 = \\ 249 \div 30 = \\ 249 \div 300 = \\ 249 \div 3,000 = \\ 249 \div 30,000 = \end{array}$$

$$\begin{array}{l} 540 \div 6 = \\ 540 \div 60 = \\ 540 \div 600 = \\ 540 \div 6,000 = \\ 540 \div 60,000 = \end{array} \qquad \begin{array}{l} 208 \div 4 = \\ 208 \div 40 = \\ 208 \div 400 = \\ 208 \div 4,000 = \\ 208 \div 40,000 = \end{array}$$

$$\begin{array}{l} 320 \div 4 = \\ 320 \div 40 = \\ 320 \div 400 = \\ 320 \div 4,000 = \\ 320 \div 40,000 = \end{array} \qquad \begin{array}{l} 574 \div 7 = \\ 574 \div 70 = \\ 574 \div 700 = \\ 574 \div 7,000 = \\ 574 \div 70,000 = \end{array}$$

$$\begin{array}{l} 344 \div 4 = \\ 344 \div 40 = \\ 344 \div 400 = \\ 344 \div 4,000 = \\ 344 \div 40,000 = \end{array} \qquad \begin{array}{l} 1,716 \div 3 = \\ 1,716 \div 30 = \\ 1,716 \div 300 = \\ 1,716 \div 3,000 = \\ 1,716 \div 30,000 = \end{array}$$

Challenge

Dividing by Multiples of Positive Powers of Ten Answers

Two-Digit Facts

$465 \div 5 = 93$	$342 \div 9 = 38$
$465 \div 50 = 9.3$	$342 \div 90 = 3.8$
$465 \div 500 = 0.93$	$342 \div 900 = 0.38$
$465 \div 5,000 = 0.093$	$342 \div 9,000 = 0.038$
$465 \div 50,000 = 0.0093$	$342 \div 90,000 = 0.0038$

$376 \div 8 = 47$	$249 \div 3 = 83$
$376 \div 80 = 4.7$	$249 \div 30 = 8.3$
$376 \div 800 = 0.47$	$249 \div 300 = 0.83$
$376 \div 8,000 = 0.047$	$249 \div 3,000 = 0.083$
$376 \div 80,000 = 0.0047$	$249 \div 30,000 = 0.0083$

$540 \div 6 = 90$	$208 \div 4 = 52$
$540 \div 60 = 9$	$208 \div 40 = 5.2$
$540 \div 600 = 0.9$	$208 \div 400 = 0.52$
$540 \div 6,000 = 0.09$	$208 \div 4,000 = 0.052$
$540 \div 60,000 = 0.009$	$208 \div 40,000 = 0.0052$

$320 \div 4 = 80$	$574 \div 7 = 82$
$320 \div 40 = 8$	$574 \div 70 = 8.2$
$320 \div 400 = 0.8$	$574 \div 700 = 0.82$
$320 \div 4,000 = 0.08$	$574 \div 7,000 = 0.082$
$320 \div 40,000 = 0.008$	$574 \div 70,000 = 0.0082$

$344 \div 4 = 86$	$1,716 \div 3 = 572$
$344 \div 40 = 8.6$	$1,716 \div 30 = 57.2$
$344 \div 400 = 0.86$	$1,716 \div 300 = 5.72$
$344 \div 4,000 = 0.086$	$1,716 \div 3,000 = 0.572$
$344 \div 40,000 = 0.0086$	$1,716 \div 30,000 = 0.0572$

Challenge