Dividing by Multiples of Positive Powers of Ten (B)

Name: _____ Date: _____

Divide each number by multiples of positive powers of ten.

$15 \div (5 \times 10^{0}) =$
$15 \div (5 \times 10^{1}) =$
$15 \div (5 \times 10^{2}) =$
$15 \div (5 \times 10^{3}) =$
$15 \div (5 \times 10^{4}) =$

$6 \div (3 \times 10^{0}) =$
$6 \div (3 \times 10^{1}) =$
$6 \div (3 \times 10^{2}) =$
$6 \div (3 \times 10^{3}) =$
$6 \div (3 \times 10^{4}) =$

$45 \div (9 \times 10^{0}) =$
$45 \div (9 \times 10^{1}) =$
$45 \div (9 \times 10^{2}) =$
$45 \div (9 \times 10^{3}) =$
$45 \div (9 \times 10^{4}) =$

$28 \div (4 \times 10^{0}) =$
$28 \div (4 \times 10^{1}) =$
$28 \div (4 \times 10^{2}) =$
$28 \div (4 \times 10^{3}) =$
$28 \div (4 \times 10^{4}) =$

$16 \div (2 \times 10^{0}) =$
$16 \div (2 \times 10^{1}) =$
$16 \div (2 \times 10^{2}) =$
$16 \div (2 \times 10^{3}) =$
$16 \div (2 \times 10^{4}) =$

$60 \div (6 \times 10^{0}) =$
$60 \div (6 \times 10^{1}) =$
$60 \div (6 \times 10^{2}) =$
$60 \div (6 \times 10^{3}) =$
$60 \div (6 \times 10^{4}) =$

$30 \div (5 \times 10^{0}) =$
$30 \div (5 \times 10^{1}) =$
$30 \div (5 \times 10^{2}) =$
$30 \div (5 \times 10^{3}) =$
$30 \div (5 \times 10^{4}) =$

$8 \div (8 \times 10^{0}) =$
$8 \div (8 \times 10^{1}) =$
$8 \div (8 \times 10^{2}) =$
$8 \div (8 \times 10^{3}) =$
$8 \div (8 \times 10^{4}) =$

$81 \div (9 \times 10^{0}) =$
$81 \div (9 \times 10^{1}) =$
$81 \div (9 \times 10^{2}) =$
$81 \div (9 \times 10^{3}) =$
$81 \div (9 \times 10^{4}) =$

$12 \div (3 \times 10^{0}) =$
$12 \div (3 \times 10^{1}) =$
$12 \div (3 \times 10^{2}) =$
$12 \div (3 \times 10^{3}) =$
$12 \div (3 \times 10^{4}) =$

Dividing by Multiples of Positive Powers of Ten (B) Answers

Name: _____ Date: _____

Divide each number by multiples of positive powers of ten.

$15 \div (5 \times 10^{0}) = 3$
$15 \div (5 \times 10^{1}) = 0.3$
$15 \div (5 \times 10^{2}) = 0.03$
$15 \div (5 \times 10^{3}) = 0.003$
$15 \div (5 \times 10^{4}) = 0.0003$

$6 \div (3 \times 10^{0}) = 2$
$6 \div (3 \times 10^{1}) = 0.2$
$6 \div (3 \times 10^{2}) = 0.02$
$6 \div (3 \times 10^{3}) = 0.002$
$6 \div (3 \times 10^{4}) = 0.0002$

$45 \div (9 \times 10^{0}) = 5$
$45 \div (9 \times 10^{1}) = 0.5$
$45 \div (9 \times 10^{2}) = 0.05$
$45 \div (9 \times 10^{3}) = 0.005$
$45 \div (9 \times 10^{4}) = 0.0005$

$28 \div (4 \times 10^{0}) = 7$
$28 \div (4 \times 10^{1}) = 0.7$
$28 \div (4 \times 10^{2}) = 0.07$
$28 \div (4 \times 10^{3}) = 0.007$
$28 \div (4 \times 10^{4}) = 0.0007$

$16 \div (2 \times 10^{0}) = 8$
$16 \div (2 \times 10^{1}) = 0.8$
$16 \div (2 \times 10^{2}) = 0.08$
$16 \div (2 \times 10^{3}) = 0.008$
$16 \div (2 \times 10^{4}) = 0.0008$

$60 \div (6 \times 10^{0}) = 10$
$60 \div (6 \times 10^{1}) = 1$
$60 \div (6 \times 10^{2}) = 0.1$
$60 \div (6 \times 10^{3}) = 0.01$
$60 \div (6 \times 10^{4}) = 0.001$

$30 \div (5 \times 10^{0}) = 6$
$30 \div (5 \times 10^{1}) = 0.6$
$30 \div (5 \times 10^{2}) = 0.06$
$30 \div (5 \times 10^{3}) = 0.006$
$30 \div (5 \times 10^{4}) = 0.0006$

$8 \div (8 \times 10^{0}) = 1$
$8 \div (8 \times 10^{1}) = 0.1$
$8 \div (8 \times 10^{2}) = 0.01$
$8 \div (8 \times 10^{3}) = 0.001$
$8 \div (8 \times 10^{4}) = 0.0001$

$81 \div (9 \times 10^{0}) = 9$
$81 \div (9 \times 10^{1}) = 0.9$
$81 \div (9 \times 10^{2}) = 0.09$
$81 \div (9 \times 10^{3}) = 0.009$
$81 \div (9 \times 10^{4}) = 0.0009$

$12 \div (3 \times 10^{0}) = 4$
$12 \div (3 \times 10^{1}) = 0.4$
$12 \div (3 \times 10^{2}) = 0.04$
$12 \div (3 \times 10^{3}) = 0.004$
$12 \div (3 \times 10^{4}) = 0.0004$