

## Dividing by Multiples of Positive Powers of Ten (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Divide each number by multiples of positive powers of ten.

$21 \div (7 \times 10^0) =$

$21 \div (7 \times 10^1) =$

$21 \div (7 \times 10^2) =$

$21 \div (7 \times 10^3) =$

$21 \div (7 \times 10^4) =$

$72 \div (8 \times 10^0) =$

$72 \div (8 \times 10^1) =$

$72 \div (8 \times 10^2) =$

$72 \div (8 \times 10^3) =$

$72 \div (8 \times 10^4) =$

$32 \div (4 \times 10^0) =$

$32 \div (4 \times 10^1) =$

$32 \div (4 \times 10^2) =$

$32 \div (4 \times 10^3) =$

$32 \div (4 \times 10^4) =$

$30 \div (5 \times 10^0) =$

$30 \div (5 \times 10^1) =$

$30 \div (5 \times 10^2) =$

$30 \div (5 \times 10^3) =$

$30 \div (5 \times 10^4) =$

$8 \div (4 \times 10^0) =$

$8 \div (4 \times 10^1) =$

$8 \div (4 \times 10^2) =$

$8 \div (4 \times 10^3) =$

$8 \div (4 \times 10^4) =$

$3 \div (3 \times 10^0) =$

$3 \div (3 \times 10^1) =$

$3 \div (3 \times 10^2) =$

$3 \div (3 \times 10^3) =$

$3 \div (3 \times 10^4) =$

$28 \div (4 \times 10^0) =$

$28 \div (4 \times 10^1) =$

$28 \div (4 \times 10^2) =$

$28 \div (4 \times 10^3) =$

$28 \div (4 \times 10^4) =$

$30 \div (3 \times 10^0) =$

$30 \div (3 \times 10^1) =$

$30 \div (3 \times 10^2) =$

$30 \div (3 \times 10^3) =$

$30 \div (3 \times 10^4) =$

$12 \div (3 \times 10^0) =$

$12 \div (3 \times 10^1) =$

$12 \div (3 \times 10^2) =$

$12 \div (3 \times 10^3) =$

$12 \div (3 \times 10^4) =$

$35 \div (7 \times 10^0) =$

$35 \div (7 \times 10^1) =$

$35 \div (7 \times 10^2) =$

$35 \div (7 \times 10^3) =$

$35 \div (7 \times 10^4) =$

## Dividing by Multiples of Positive Powers of Ten (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Divide each number by multiples of positive powers of ten.

$$\begin{aligned}21 \div (7 \times 10^0) &= 3 \\21 \div (7 \times 10^1) &= 0.3 \\21 \div (7 \times 10^2) &= 0.03 \\21 \div (7 \times 10^3) &= 0.003 \\21 \div (7 \times 10^4) &= 0.0003\end{aligned}$$

$$\begin{aligned}72 \div (8 \times 10^0) &= 9 \\72 \div (8 \times 10^1) &= 0.9 \\72 \div (8 \times 10^2) &= 0.09 \\72 \div (8 \times 10^3) &= 0.009 \\72 \div (8 \times 10^4) &= 0.0009\end{aligned}$$

$$\begin{aligned}32 \div (4 \times 10^0) &= 8 \\32 \div (4 \times 10^1) &= 0.8 \\32 \div (4 \times 10^2) &= 0.08 \\32 \div (4 \times 10^3) &= 0.008 \\32 \div (4 \times 10^4) &= 0.0008\end{aligned}$$

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

$$\begin{aligned}8 \div (4 \times 10^0) &= 2 \\8 \div (4 \times 10^1) &= 0.2 \\8 \div (4 \times 10^2) &= 0.02 \\8 \div (4 \times 10^3) &= 0.002 \\8 \div (4 \times 10^4) &= 0.0002\end{aligned}$$

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

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

$$\begin{aligned}30 \div (3 \times 10^0) &= 10 \\30 \div (3 \times 10^1) &= 1 \\30 \div (3 \times 10^2) &= 0.1 \\30 \div (3 \times 10^3) &= 0.01 \\30 \div (3 \times 10^4) &= 0.001\end{aligned}$$

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

$$\begin{aligned}35 \div (7 \times 10^0) &= 5 \\35 \div (7 \times 10^1) &= 0.5 \\35 \div (7 \times 10^2) &= 0.05 \\35 \div (7 \times 10^3) &= 0.005 \\35 \div (7 \times 10^4) &= 0.0005\end{aligned}$$