



Math worksheet on 'Division - Power of Ten Equivalent - Decimals (Level 4)'. Part of a broader unit on 'Decimal Division - Advanced'

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1 Make this problem simpler by adding or removing powers of ten from top and bottom.

$$\begin{array}{r} 0.006 \\ \hline 0.0002 \end{array}$$

a	b	c
$\frac{60}{2}$	$\frac{60}{20}$	$\frac{600}{2}$
d	e	f
$\frac{60}{200}$	$\frac{600}{20}$	$\frac{6,000}{2}$

2 Make this problem simpler by adding or removing powers of ten from top and bottom.

$$\begin{array}{r} 0.007 \\ \hline 0.002 \end{array}$$

a	b	c
$\frac{7}{20}$	$\frac{7}{2}$	$\frac{70}{20}$
d	e	f
$\frac{700}{2}$	$\frac{7}{200}$	$\frac{70}{2}$

3 Make this problem simpler by adding or removing powers of ten from top and bottom.

$$\begin{array}{r} 0.006 \\ \hline 0.02 \end{array}$$

a	b	c
$\frac{6}{200}$	$\frac{60}{20}$	$\frac{6}{2,000}$
d	e	f
$\frac{600}{20}$	$\frac{6}{20}$	$\frac{60}{200}$

4 Make this problem simpler by adding or removing powers of ten from top and bottom.

$$\begin{array}{r} 0.005 \\ \hline 0.04 \end{array}$$

a	b	c
$\frac{500}{40}$	$\frac{5}{40}$	$\frac{5}{400}$
d	e	f
$\frac{50}{40}$	$\frac{50}{400}$	$\frac{5}{4,000}$

5 Make this problem simpler by adding or removing powers of ten from top and bottom.

$$\begin{array}{r} 0.001 \\ \hline 0.00003 \end{array}$$

a	b	c
$\frac{100}{3}$	$\frac{1,000}{30}$	$\frac{100}{30}$
d	e	f
$\frac{1,000}{3}$	$\frac{10,000}{3}$	$\frac{100}{300}$

6 Make this problem simpler by adding or removing powers of ten from top and bottom.

$$\begin{array}{r} 0.004 \\ \hline 0.00005 \end{array}$$

a	b	c
$\frac{4,000}{5}$	$\frac{400}{50}$	$\frac{400}{500}$
d	e	f
$\frac{400}{5}$	$\frac{4,000}{50}$	$\frac{40,000}{5}$

7 Make this problem simpler by adding or removing powers of ten from top and bottom.

$$\begin{array}{r} 0.002 \\ \hline 0.0006 \end{array}$$

a	b	c
$\frac{200}{60}$	$\frac{20}{60}$	$\frac{2,000}{6}$
d	e	f
$\frac{200}{6}$	$\frac{20}{6}$	$\frac{20}{600}$