



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

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

$$\begin{array}{r} 0.003 \\ \hline 0.006 \end{array}$$

a	$\frac{30}{60}$	b	$\frac{300}{6}$	c	$\frac{30}{6}$
d	$\frac{3}{60}$	e	$\frac{3}{6}$	f	$\frac{3}{600}$

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

$$\begin{array}{r} 0.001 \\ \hline 0.0009 \end{array}$$

a	$\frac{10}{90}$	b	$\frac{1,000}{9}$	c	$\frac{10}{900}$
d	$\frac{100}{9}$	e	$\frac{100}{90}$	f	$\frac{10}{9}$

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

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

$$\begin{array}{r} 0.006 \\ \hline 0.0005 \end{array}$$

a	$\frac{600}{50}$	b	$\frac{6,000}{5}$	c	$\frac{60}{5}$
d	$\frac{600}{5}$	e	$\frac{60}{50}$	f	$\frac{60}{500}$

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

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

$$\begin{array}{r} 0.004 \\ \hline 0.001 \end{array}$$

a	$\frac{40}{10}$	b	$\frac{4}{400}$	c	$\frac{400}{20}$
d	$\frac{4}{100}$	e	$\frac{40}{40}$	f	$\frac{4}{10}$

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