



Math worksheet on 'Division - Power of Ten Equivalent - Whole Numbers (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.

$$\begin{array}{r} 8,000 \\ \hline 400 \end{array}$$

a	b	c
$\frac{8,000}{4}$	$\frac{80}{400}$	$\frac{800}{40}$
d	e	f
$\frac{800}{4}$	$\frac{80}{4}$	$\frac{80}{40}$

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

$$\begin{array}{r} 7,000 \\ \hline 800 \end{array}$$

a	b	c
$\frac{700}{8}$	$\frac{70}{800}$	$\frac{70}{8}$
d	e	f
$\frac{70}{80}$	$\frac{700}{80}$	$\frac{7,000}{8}$

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

$$\begin{array}{r} 5,000 \\ \hline 90 \end{array}$$

a	b	c
$\frac{5,000}{90}$	$\frac{500}{9}$	$\frac{5,000}{9}$
d	e	f
$\frac{500}{90}$	$\frac{500}{900}$	$\frac{50,000}{9}$

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

$$\begin{array}{r} 2,000 \\ \hline 3,000 \end{array}$$

a	b	c
$\frac{20}{3}$	$\frac{200}{3}$	$\frac{2}{3}$
d	e	f
$\frac{20}{30}$	$\frac{2}{30}$	$\frac{2}{300}$

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

$$\begin{array}{r} 7,000 \\ \hline 400 \end{array}$$

a	b	c
$\frac{700}{4}$	$\frac{7,000}{4}$	$\frac{70}{400}$
d	e	f
$\frac{700}{40}$	$\frac{70}{4}$	$\frac{70}{40}$

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

$$\begin{array}{r} 1,000 \\ \hline 200 \end{array}$$

a	b	c
$\frac{100}{20}$	$\frac{10}{2}$	$\frac{1,000}{2}$
d	e	f
$\frac{10}{200}$	$\frac{100}{2}$	$\frac{10}{20}$

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

$$\begin{array}{r} 2,000 \\ \hline 30,000 \end{array}$$

a	b	c
$\frac{2}{300}$	$\frac{20}{30}$	$\frac{20}{300}$
d	e	f
$\frac{200}{30}$	$\frac{2}{30}$	$\frac{2}{3,000}$