



Math worksheet on 'Division - Power of Ten Equivalent - Decimals (Level 3)'. 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.

$$\frac{0.08}{0.0002}$$

a	b	c
$\frac{800}{200}$	$\frac{800}{20}$	$\frac{8,000}{20}$
d	e	f
$\frac{8,000}{2}$	$\frac{800}{2}$	$\frac{80,000}{2}$

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

$$\frac{0.04}{0.006}$$

a	b	c
$\frac{400}{6}$	$\frac{4,000}{6}$	$\frac{40}{60}$
d	e	f
$\frac{40}{6}$	$\frac{400}{60}$	$\frac{40}{600}$

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

$$\frac{0.4}{0.005}$$

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

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

$$\frac{0.08}{0.003}$$

a	b	c
$\frac{800}{30}$	$\frac{80}{30}$	$\frac{800}{3}$
d	e	f
$\frac{8,000}{3}$	$\frac{80}{3}$	$\frac{80}{300}$

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

$$\frac{0.4}{0.03}$$

a	b	c
$\frac{400}{3}$	$\frac{4,000}{3}$	$\frac{40}{3}$
d	e	f
$\frac{40}{300}$	$\frac{400}{30}$	$\frac{40}{30}$

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

$$\frac{0.8}{0.005}$$

a	b	c
$\frac{800}{500}$	$\frac{800}{5}$	$\frac{8,000}{5}$
d	e	f
$\frac{80,000}{5}$	$\frac{8,000}{50}$	$\frac{800}{50}$

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

$$\frac{0.1}{0.006}$$

a	b	c
$\frac{100}{60}$	$\frac{100}{6}$	$\frac{10,000}{6}$
d	e	f
$\frac{100}{600}$	$\frac{1,000}{6}$	$\frac{1,000}{60}$