



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.

$$\frac{0.009}{0.0005}$$

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

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

$$\frac{0.005}{0.00008}$$

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

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

$$\frac{0.007}{0.01}$$

a	b	c
$\frac{7}{10}$	$\frac{700}{10}$	$\frac{70}{10}$
d	e	f
$\frac{7}{100}$	$\frac{70}{100}$	$\frac{7}{1,000}$

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

$$\frac{0.005}{0.0001}$$

a	b	c
$\frac{50}{100}$	$\frac{5,000}{50}$	$\frac{50}{50}$
d	e	f
$\frac{50}{10}$	$\frac{500}{500}$	$\frac{500}{10}$

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

$$\frac{0.006}{0.0005}$$

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

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

$$\frac{0.001}{0.0009}$$

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

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

$$\frac{0.006}{0.003}$$

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