mobius

Division - Power of Ten Equivalent - Decimals

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

$$\frac{0.6}{0.02}$$

A	B	C
$\frac{6,000}{2}$	$\frac{60}{200}$	$\frac{600}{20}$
D $\frac{600}{2}$	**E** $\frac{60}{2}$	**F** $\frac{60}{20}$

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

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

A	B	C
$\frac{8,000}{20}$	$\frac{80,000}{2}$	$\frac{800}{20}$
D $\frac{800}{2}$	**E** $\frac{8,000}{2}$	**F** $\frac{800}{200}$

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

$$\frac{0.03}{0.1}$$

A	B	C
$\frac{300}{10}$	$\frac{3}{100}$	$\frac{30}{10}$
D $\frac{3}{10}$	**E** $\frac{3}{1,000}$	**F** $\frac{30}{100}$

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

$$\frac{0.01}{0.0005}$$

A	B	C
$\frac{100}{50}$	$\frac{10,000}{5}$	$\frac{1,000}{50}$
D $\frac{1,000}{5}$	**E** $\frac{100}{500}$	**F** $\frac{100}{5}$

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

$$\frac{0.02}{0.009}$$

A	B	C
$\frac{20}{90}$	$\frac{20}{900}$	$\frac{20}{9}$
D $\frac{2,000}{9}$	**E** $\frac{200}{9}$	**F** $\frac{200}{90}$

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

$$\frac{0.05}{0.0001}$$

A	B	C
$\frac{500}{10}$	500	$\frac{500}{100}$
D $50,000$	**E** $5,000$	

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

$$\frac{0.07}{0.0002}$$

A	B	C
$\frac{70,000}{2}$	$\frac{700}{200}$	$\frac{700}{20}$
D $\frac{700}{2}$	**E** $\frac{7,000}{20}$	

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

$$\frac{0.05}{0.002}$$

A	B	C
$\frac{500}{20}$	$\frac{50}{200}$	$\frac{50}{20}$
D $\frac{50}{2}$	**E** $\frac{500}{2}$	**F** $\frac{5,000}{2}$