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Math worksheet on *'Division - Power of Ten Equivalent - Decimals (Level 5)'*. 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.

$$\frac{0.008}{0.00026}$$

	a	b	c
	$\frac{800}{2,600}$	$\frac{800}{260}$	$\frac{8,000}{26}$
	d	**e**	**f**
	$\frac{8,000}{260}$	$\frac{80,000}{26}$	$\frac{800}{26}$

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

$$\frac{0.58}{0.9}$$

	a	b	c
	$\frac{580}{90}$	$\frac{58}{9,000}$	$\frac{58}{900}$
	d	**e**	**f**
	$\frac{58}{90}$	$\frac{580}{900}$	$\frac{5,800}{90}$

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

$$\frac{0.07}{2.7}$$

	a	b	c
	$\frac{7}{270}$	$\frac{70}{2,700}$	$\frac{7}{27,000}$
	d	**e**	**f**
	$\frac{700}{270}$	$\frac{7}{2,700}$	$\frac{70}{270}$

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

$$\frac{0.007}{0.31}$$

	a	b	c
	$\frac{700}{310}$	$\frac{70}{3,100}$	$\frac{70}{310}$
	d	**e**	**f**
	$\frac{7}{31,000}$	$\frac{7}{3,100}$	$\frac{7}{310}$

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

$$\frac{0.008}{0.098}$$

	a	b	c
	$\frac{800}{98}$	$\frac{80}{980}$	$\frac{8}{98}$
	d	**e**	**f**
	$\frac{8}{980}$	$\frac{8}{9,800}$	$\frac{80}{98}$

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

$$\frac{0.49}{0.8}$$

	a	b	c
	$\frac{490}{80}$	$\frac{49}{8,000}$	$\frac{490}{800}$
	d	**e**	**f**
	$\frac{49}{80}$	$\frac{49}{800}$	$\frac{4,900}{80}$

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

$$\frac{0.054}{0.009}$$

	a	b	c
	$\frac{540}{9}$	$\frac{540}{90}$	$\frac{54}{900}$
	d	**e**	**f**
	$\frac{54}{90}$	$\frac{54}{9}$	$\frac{5,400}{9}$