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Math worksheet on *'Division - Power of Ten Equivalent - Whole Numbers (Level 6)'*. 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.

$$\frac{7,700}{4,100}$$

a. $\frac{770}{41}$ b. $\frac{77}{4,100}$ c. $\frac{77}{41}$

d. $\frac{7,700}{41}$ e. $\frac{77}{410}$ f. $\frac{770}{410}$

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

$$\frac{15,000}{600,000}$$

a. $\frac{15}{6,000}$ b. $\frac{15}{600}$ c. $\frac{1,500}{600}$

d. $\frac{150}{600}$ e. $\frac{15}{60,000}$ f. $\frac{150}{6,000}$

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

$$\frac{910}{450}$$

a. $\frac{9,100}{45}$ b. $\frac{910}{450}$ c. $\frac{91}{450}$

d. $\frac{910}{45}$ e. $\frac{91}{4,500}$ f. $\frac{91}{45}$

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

$$\frac{890}{530}$$

a. $\frac{89}{53}$ b. $\frac{89}{530}$ c. $\frac{8,900}{53}$

d. $\frac{890}{53}$ e. $\frac{890}{530}$ f. $\frac{89}{5,300}$

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

$$\frac{6,900}{98,000}$$

a. $\frac{69}{980}$ b. $\frac{690}{980}$ c. $\frac{69}{9,800}$

d. $\frac{69}{98,000}$ e. $\frac{6,900}{980}$ f. $\frac{690}{9,800}$

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

$$\frac{8,400}{1,600}$$

a. $\frac{8,400}{16}$ b. $\frac{84}{160}$ c. $\frac{84}{16}$

d. $\frac{84}{1,600}$ e. $\frac{840}{160}$ f. $\frac{840}{16}$

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

$$\frac{63,000}{9,100}$$

a. $\frac{6,300}{91}$ b. $\frac{63,000}{91}$ c. $\frac{630}{91}$

d. $\frac{630}{910}$ e. $\frac{6,300}{910}$ f. $\frac{630}{9,100}$