



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.

$$\begin{array}{r} 7,700 \\ \hline 4,100 \end{array}$$

a

$$\begin{array}{r} 770 \\ \hline 41 \end{array}$$

b

$$\begin{array}{r} 77 \\ \hline 4,100 \end{array}$$

c

$$\begin{array}{r} 77 \\ \hline 41 \end{array}$$

d

$$\begin{array}{r} 7,700 \\ \hline 41 \end{array}$$

e

$$\begin{array}{r} 77 \\ \hline 410 \end{array}$$

f

$$\begin{array}{r} 770 \\ \hline 410 \end{array}$$

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

$$\begin{array}{r} 15,000 \\ \hline 600,000 \end{array}$$

a

$$\begin{array}{r} 15 \\ \hline 6,000 \end{array}$$

b

$$\begin{array}{r} 15 \\ \hline 600 \end{array}$$

c

$$\begin{array}{r} 1,500 \\ \hline 600 \end{array}$$

d

$$\begin{array}{r} 150 \\ \hline 600 \end{array}$$

e

$$\begin{array}{r} 15 \\ \hline 60,000 \end{array}$$

f

$$\begin{array}{r} 150 \\ \hline 6,000 \end{array}$$

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

$$\begin{array}{r} 910 \\ \hline 450 \end{array}$$

a

$$\begin{array}{r} 9,100 \\ \hline 45 \end{array}$$

b

$$\begin{array}{r} 910 \\ \hline 450 \end{array}$$

c

$$\begin{array}{r} 91 \\ \hline 450 \end{array}$$

d

$$\begin{array}{r} 910 \\ \hline 45 \end{array}$$

e

$$\begin{array}{r} 91 \\ \hline 4,500 \end{array}$$

f

$$\begin{array}{r} 91 \\ \hline 45 \end{array}$$

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

$$\begin{array}{r} 890 \\ \hline 530 \end{array}$$

a

$$\begin{array}{r} 89 \\ \hline 53 \end{array}$$

b

$$\begin{array}{r} 89 \\ \hline 530 \end{array}$$

c

$$\begin{array}{r} 8,900 \\ \hline 53 \end{array}$$

d

$$\begin{array}{r} 890 \\ \hline 53 \end{array}$$

e

$$\begin{array}{r} 890 \\ \hline 530 \end{array}$$

f

$$\begin{array}{r} 89 \\ \hline 5,300 \end{array}$$

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

$$\begin{array}{r} 6,900 \\ \hline 98,000 \end{array}$$

a

$$\begin{array}{r} 69 \\ \hline 980 \end{array}$$

b

$$\begin{array}{r} 690 \\ \hline 980 \end{array}$$

c

$$\begin{array}{r} 69 \\ \hline 9,800 \end{array}$$

d

$$\begin{array}{r} 69 \\ \hline 98,000 \end{array}$$

e

$$\begin{array}{r} 6,900 \\ \hline 980 \end{array}$$

f

$$\begin{array}{r} 690 \\ \hline 9,800 \end{array}$$

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

$$\begin{array}{r} 8,400 \\ \hline 1,600 \end{array}$$

a

$$\begin{array}{r} 8,400 \\ \hline 16 \end{array}$$

b

$$\begin{array}{r} 84 \\ \hline 160 \end{array}$$

c

$$\begin{array}{r} 84 \\ \hline 16 \end{array}$$

d

$$\begin{array}{r} 84 \\ \hline 1,600 \end{array}$$

e

$$\begin{array}{r} 840 \\ \hline 160 \end{array}$$

f

$$\begin{array}{r} 840 \\ \hline 16 \end{array}$$

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

$$\begin{array}{r} 63,000 \\ \hline 9,100 \end{array}$$

a

$$\begin{array}{r} 6,300 \\ \hline 91 \end{array}$$

b

$$\begin{array}{r} 63,000 \\ \hline 91 \end{array}$$

c

$$\begin{array}{r} 630 \\ \hline 91 \end{array}$$

d

$$\begin{array}{r} 630 \\ \hline 910 \end{array}$$

e

$$\begin{array}{r} 6,300 \\ \hline 910 \end{array}$$

f

$$\begin{array}{r} 630 \\ \hline 9,100 \end{array}$$