

8.11.21

Division of Decimals by Decimals

Date _____
 Page _____

0.8432 by 0.8

$$\begin{array}{r}
 1054 \\
 8432 \\
 \hline
 10000 \\
 1000
 \end{array}$$

$$0.8432 \div 0.8$$

$$\begin{array}{r}
 1054 \\
 8 \overline{) 1054} \\
 \hline
 1000 \\
 \hline
 54
 \end{array}$$

= 1.054

Exercise 10.F

2. 24.9 by 300

$$\begin{array}{r}
 0.083 \\
 300 \overline{) 24.9} \\
 \underline{0} \downarrow \\
 24.9 \\
 \underline{0} \\
 2490 \\
 \underline{-2400} \\
 900
 \end{array}$$

$$\begin{array}{r}
 900 \\
 -900 \\
 \hline
 0
 \end{array}$$

3. 147.2 by 230

$$\begin{array}{r}
 0.64 \\
 230 \overline{) 147.2} \\
 \underline{-0} \downarrow \\
 147.2 \\
 \underline{-1380} \\
 920 \\
 \underline{-920} \\
 0
 \end{array}$$

8.11.21

d. 650.3 by 7000

$$\begin{array}{r} 0.0929 \\ 7000 \overline{) 650.3} \\ \underline{-0} \\ 650.3 \\ \underline{0.} \\ 65030 \\ \underline{-63000} \\ 20300 \\ \underline{-14000} \\ 63000 \\ \underline{-63000} \\ 0 \end{array}$$

Hw

e. 17.4 by 2000

$$\begin{array}{r} 00.087 \\ 2000 \overline{) 17.4} \\ \underline{0} \\ 1740 \\ \underline{-0} \\ 17400 \\ \underline{-16000} \\ 14000 \\ \underline{-14000} \\ 0 \end{array}$$

ans = 00.087

6) 108.8 by 8000

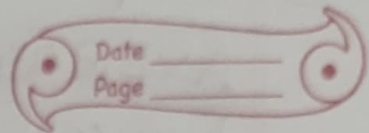
$$\begin{array}{r}
 0.036 \\
 8000 \overline{) 108.8} \\
 \underline{- 0} \\
 10880 \\
 \underline{- 8000} \\
 28800 \\
 \underline{24000} \\
 48000 \\
 \underline{- 48000} \\
 0
 \end{array}$$

7) 0.8432 by 0.8

$$\begin{array}{r}
 0.8432 \div 0.8 = \frac{8432}{10000} \div \frac{8}{10} \\
 \frac{8432}{10000} \times \frac{10}{8} = \frac{1054}{1000} \\
 1054 \\
 \underline{8432} \\
 10000 \\
 1000
 \end{array}$$

ans = 1.054

8.11.21
HW



8) 316.96 by 0.028

$$\begin{array}{r} 11320 \\ 0.028 \overline{) 316.96} \\ \underline{- 0.28} \\ 316.68 \\ \underline{- 0.28} \\ 316.40 \\ \underline{- 0.84} \\ 315.56 \\ \underline{- 0.56} \\ 315.0 \\ \underline{- 0} \\ 315.0 \end{array}$$