

Name _____

Date _____

Dividing Decimals By Decimals Lesson and Practice

Continue the patterns, multiplying the dividend and divisor in each step by 10, so that the quotients (answers) remain the same.

$$0.8 \div 0.002 =$$

$$\underline{\quad} \div \underline{\quad} =$$

$$\underline{\quad} \div \underline{\quad} =$$

$$\underline{\quad} \div \underline{\quad} =$$

Each line is one division problem. Each problem has the same answer, 400. Each problem's divisors differ from each other by a factor of 10, and so do each problem's dividends.

Answer:

$$0.8 \div 0.002 = 400$$

$$8 \div 0.02 = 400$$

$$80 \div 0.2 = 400$$

$$800 \div 2 = 400$$

Practice Problems

1

$$\begin{array}{l} 50 \div 25 = \\ \underline{\quad} \div \underline{\quad} = \\ \underline{\quad} \div \underline{\quad} = \\ \underline{\quad} \div \underline{\quad} = \end{array}$$

2

$$\begin{array}{l} 450 \div 0.5 = \\ \underline{\quad} \div \underline{\quad} = \\ \underline{\quad} \div \underline{\quad} = \\ \underline{\quad} \div \underline{\quad} = \end{array}$$

