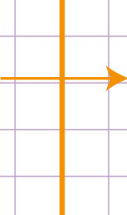


Name: ..... Class: .....

Decimal division patterns over increasing place values

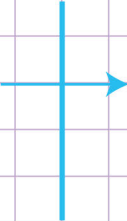
1. Complete the pattern.

To complete the pattern just keep multiplying each

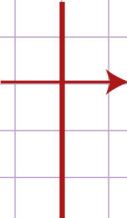
|                                   |                                                                                   |                            |
|-----------------------------------|-----------------------------------------------------------------------------------|----------------------------|
| _____ $\div 10 = 0.00064$         |  | $0.0064 \div 10 = 0.00064$ |
| _____ $\div 100 = 0.000064$       |                                                                                   |                            |
| _____ $\div 1\,000 = 0.0000064$   |                                                                                   |                            |
| _____ $\div 10\,000 = 0.00000064$ |                                                                                   |                            |

2. Complete the pattern.

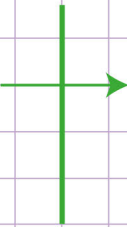
To complete the pattern just keep dividing each

|                                |                                                                                     |                                   |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| $25.926 \div 10\,000 =$ _____  |  | $25.926 \div 10\,000 = 0.0025926$ |
| $259.26 \div 10\,000 =$ _____  |                                                                                     |                                   |
| $2,592.6 \div 10\,000 =$ _____ |                                                                                     |                                   |
| $25,926 \div 10\,000 =$ _____  |                                                                                     |                                   |

3. Complete the pattern.

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| $5.327 \div$ _____ $= 0.5327$ |  |
| $53.27 \div$ _____ $= 0.5327$ |                                                                                     |
| $532.7 \div$ _____ $= 0.5327$ |                                                                                     |
| $5,327 \div$ _____ $= 0.5327$ |                                                                                     |

4. Complete the pattern.

|                                    |                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------|
| _____ $\div 1\,000 = 625.9$        |  |
| $625,900 \div 10\,000 =$ _____     |                                                                                     |
| $625,900 \div$ _____ $= 6.259$     |                                                                                     |
| $625,900 \div 1\,000\,000 =$ _____ |                                                                                     |



Name: ..... Class: .....

### Decimal division patterns over increasing place values

#### 1. Complete the pattern.

To complete the pattern just keep multiplying each

$$\begin{array}{l} \underline{\hspace{2cm}} \div 10 = 0.00064 \\ \underline{\hspace{2cm}} \div 100 = 0.000064 \\ \underline{\hspace{2cm}} \div 1\,000 = 0.0000064 \\ \underline{\hspace{2cm}} \div 10\,000 = 0.00000064 \end{array}$$

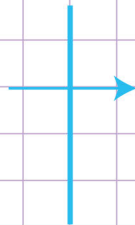


$$\begin{array}{l} 0.0064 \div 10 = 0.00064 \\ 0.00064 \div 100 = 0.000064 \\ 0.000064 \div 1\,000 = 0.0000064 \\ 0.0000064 \div 10\,000 = 0.00000064 \end{array}$$

#### 2. Complete the pattern.

To complete the pattern just keep dividing each

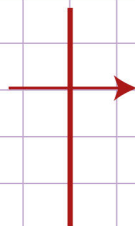
$$\begin{array}{l} 25.926 \div 10\,000 = \underline{\hspace{2cm}} \\ 259.26 \div 10\,000 = \underline{\hspace{2cm}} \\ 2,592.6 \div 10\,000 = \underline{\hspace{2cm}} \\ 25,926 \div 10\,000 = \underline{\hspace{2cm}} \end{array}$$



$$\begin{array}{l} 25.926 \div 10\,000 = 0.0025926 \\ 259.26 \div 10\,000 = 0.025926 \\ 2,592.6 \div 10\,000 = 0.25926 \\ 25,926 \div 10\,000 = 2.5926 \end{array}$$

#### 3. Complete the pattern.

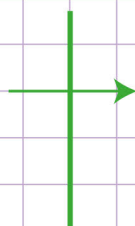
$$\begin{array}{l} 5.327 \div \underline{\hspace{2cm}} = 0.5327 \\ 53.27 \div \underline{\hspace{2cm}} = 0.5327 \\ 532.7 \div \underline{\hspace{2cm}} = 0.5327 \\ 5,327 \div \underline{\hspace{2cm}} = 0.5327 \end{array}$$



$$\begin{array}{l} 5.327 \div 10 = 0.5327 \\ 53.27 \div 100 = 0.5327 \\ 532.7 \div 1\,000 = 0.5327 \\ 5,327 \div 10\,000 = 0.5327 \end{array}$$

#### 4. Complete the pattern.

$$\begin{array}{l} \underline{\hspace{2cm}} \div 1\,000 = 625.9 \\ 625,900 \div 10\,000 = \underline{\hspace{2cm}} \\ 625,900 \div \underline{\hspace{2cm}} = 6.259 \\ 625,900 \div 1\,000\,000 = \underline{\hspace{2cm}} \end{array}$$



$$\begin{array}{l} 625,900 \div 1\,000 = 625.9 \\ 625,900 \div 10\,000 = 62.59 \\ 625,900 \div 100\,000 = 6.259 \\ 625,900 \div 1\,000\,000 = 0.6259 \end{array}$$

