A picture containing drawing

Description automatically generated**Division and Multiplication by Powers of 10**

Answer the questions below using your place value grid if you need to. Find the answer in the codebreaking table below and write the correct letter in the box to decipher an interesting fact about measures.

Be warned: there are some red herrings hidden here!

A = 448 ÷ 10 B = 0.000315 10 C = 23.52 ÷ 100 E = 3.38 ÷ 100 G = 44.8 ÷ 100

H = 315 100 I = 23.52 ÷ 10 L = 3.38 ÷ 10000 M = 4.48 1000 N = 0.315 1000

O = 23.52 10 P = 338 ÷ 100 R = 4.48 100 S = 0.315 10 T = 2.352 10

U = 0.338 ÷ 100 W = 0.00448 1000 Y = 0.0315 10

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23.52 | 31500 | 0.0338 |  | 0.00315 | 2.352 | 0.448 | 0.448 | 0.0338 | 3.15 | 23.52 |
|  |  |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4480 | 0.0338 | 23.52 | 448 | 2.352 | 0.2352 |  | 0.00338 | 315 | 2.352 | 23.52 |
|  |  |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2.352 | 3.15 |  | 23.52 | 31500 | 0.0338 |  | 0.315 | 235.2 | 23.52 | 23.52 | 44.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |