

Answers:

$$1) \begin{pmatrix} 830 \times 10^{-6} & 83 \times 10^{-2} & 8300 \times 10^{-3} & 830 \\ 8.3 \times 10^{-4} & 8.3 \times 10^{-1} & 8.3 \times 10^0 & 8.3 \times 10^2 \\ 0.00083 & 0.83 & 8.3 & 830 \end{pmatrix}$$

$$2) \begin{pmatrix} 3.07 \times 10^{-2} & 0.307 \times 10^1 & 307 & 30.7 \times 10^2 \\ 3.07 \times 10^{-2} & 3.07 \times 10^0 & 3.07 \times 10^2 & 3.07 \times 10^3 \\ 0.0307 & 3.07 & 307 & 3070 \end{pmatrix}$$

$$3) \begin{pmatrix} 0.00615 & 61.5 \times 10^{-3} & 6.15 \times 10^3 & 615 \times 10^2 \\ 6.15 \times 10^{-3} & 6.15 \times 10^{-2} & 6.15 \times 10^3 & 6.15 \times 10^4 \\ 0.00615 & 0.0615 & 6150 & 61500 \end{pmatrix}$$

$$4) \begin{pmatrix} 0.00502 & 50.2 \times 10^{-3} & 5.02 \times 10^3 & 502 \times 10^2 \\ 5.02 \times 10^{-3} & 5.02 \times 10^{-2} & 5.02 \times 10^3 & 5.02 \times 10^4 \\ 0.00502 & 0.0502 & 5020 & 50200 \end{pmatrix}$$

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