

Step 1: convert all your data into scientific form

F	T
100	0.01
200	0.005
400	0.0025
500	0.002

becomes

F	T
1.00E+02	1.00E-02
2.00E+02	5.00E-03
4.00E+02	2.50E-03
5.00E+02	2.00E-03

$\times 10^2$

$\times 10^2$

$\times 10^2$

$\times 10^2$

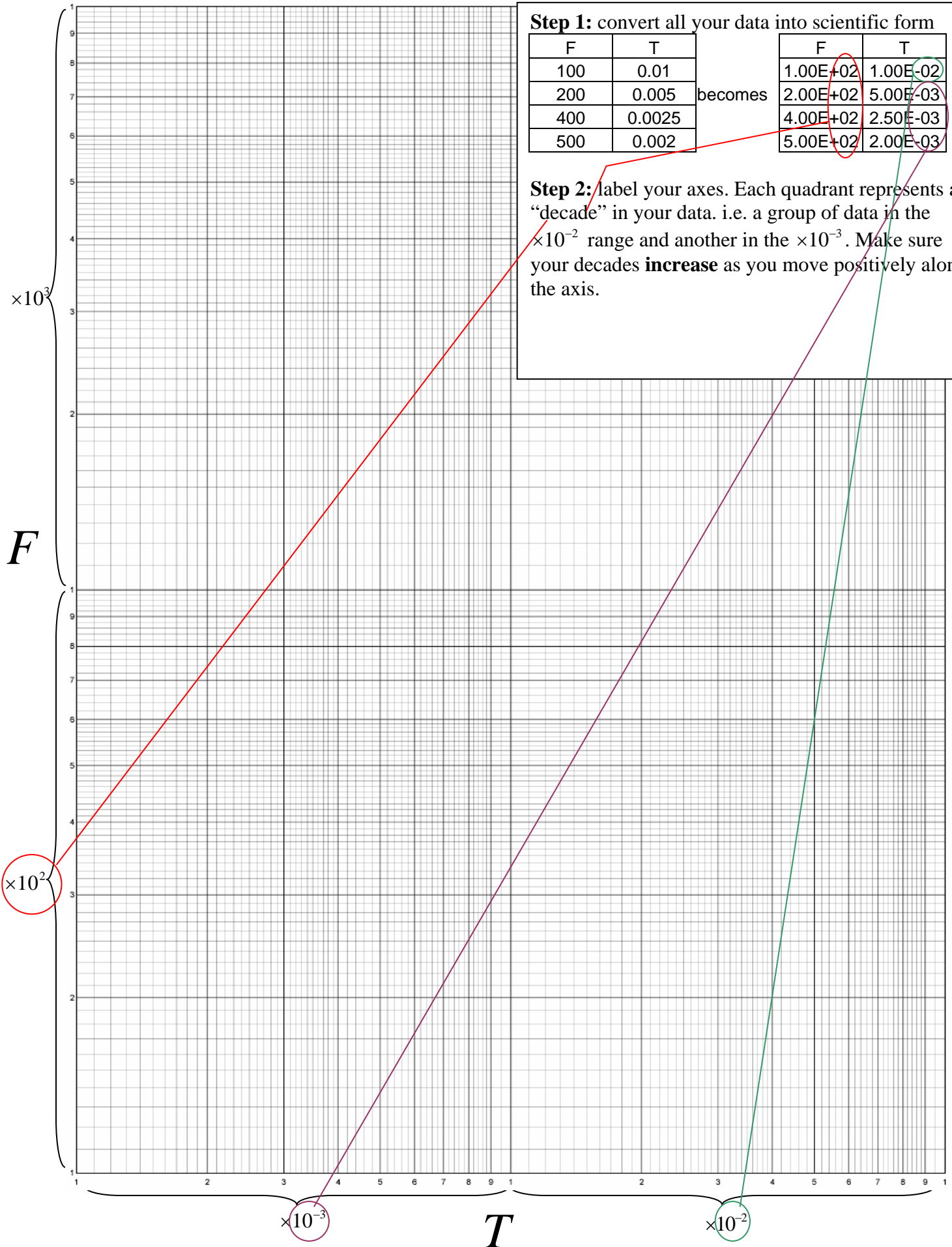
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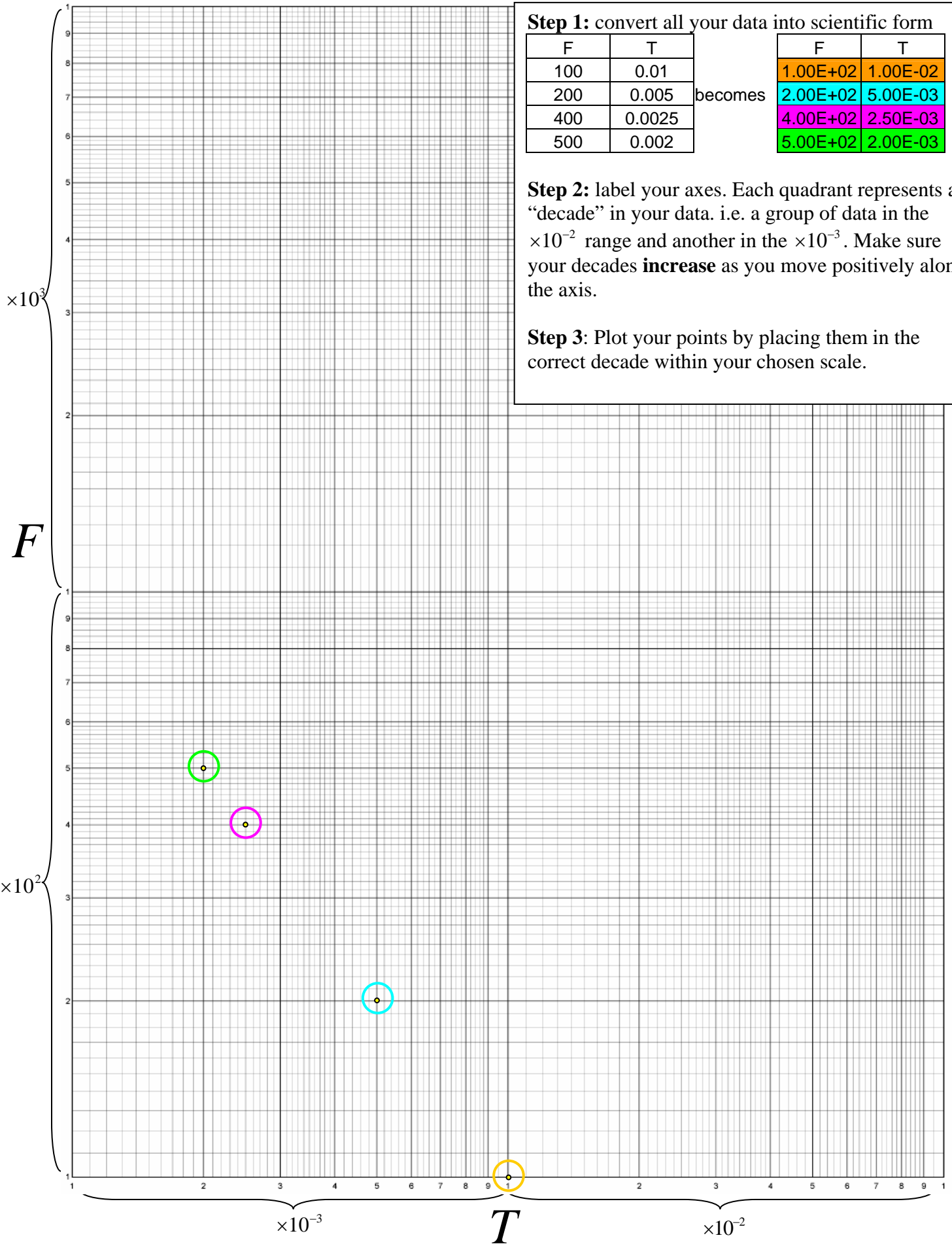
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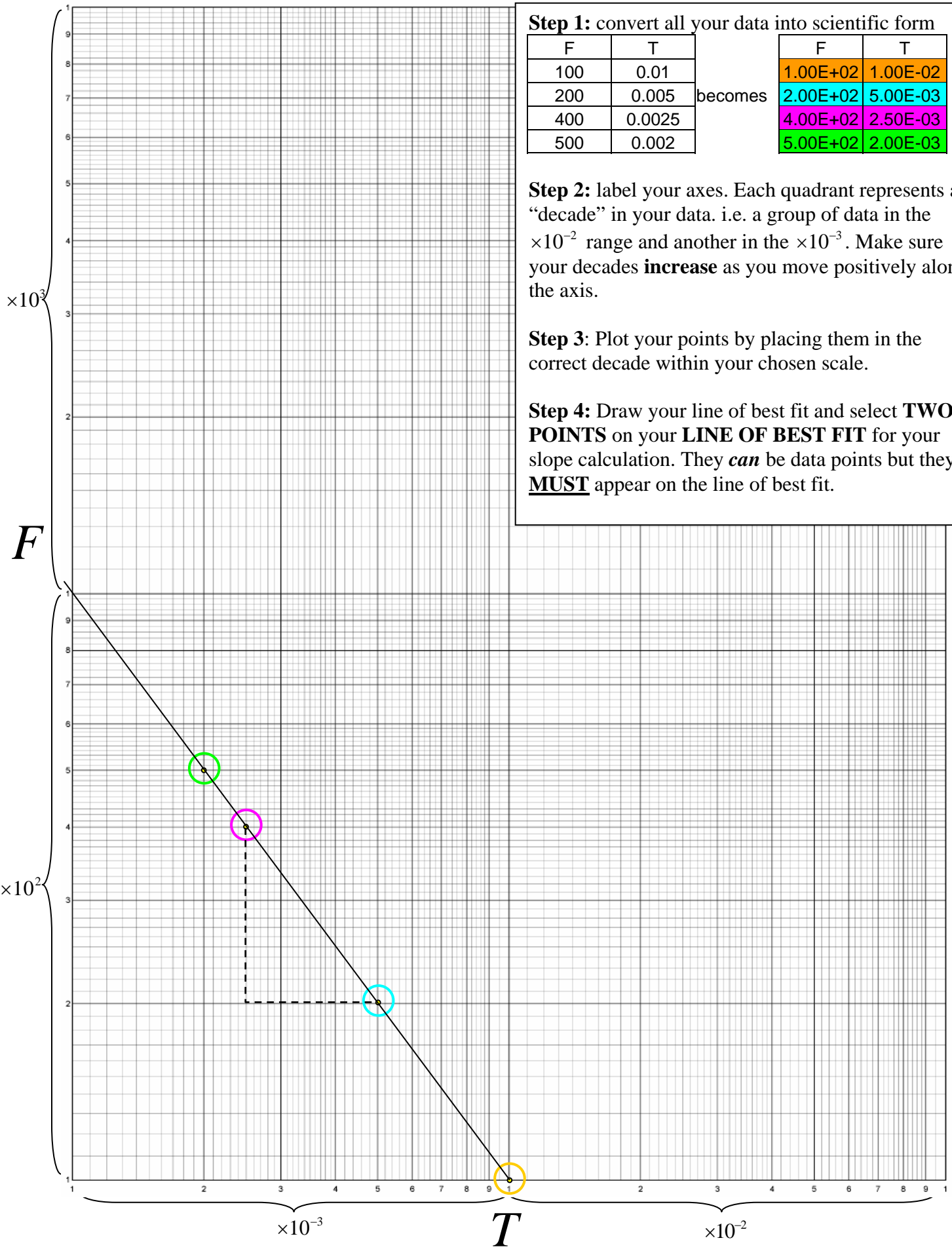
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Step 2: label your axes. Each quadrant represents a “decade” in your data. i.e. a group of data in the $\times 10^{-2}$ range and another in the $\times 10^{-3}$. Make sure your decades **increase** as you move positively along the axis.







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Step 3: Plot your points by placing them in the correct decade within your chosen scale.

Step 4: Draw your line of best fit and select **TWO POINTS** on your **LINE OF BEST FIT** for your slope calculation. They *can* be data points but they **MUST** appear on the line of best fit.

