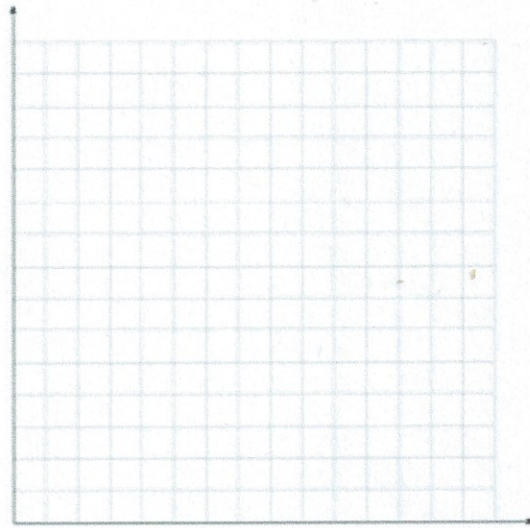


Graph the data in the table on the coordinate plane provided.

Data Usage and Total Bill Cost	
Data Used (in GB)	Total Bill Cost
2	\$203.00
2.5	\$253.75
3	\$304.50
3.5	\$355.25
4	\$406.00
4.5	\$456.75



Does the data above represent a proportional relationship? \_\_\_\_\_

If the data **does** represent a proportional relationship, provide **three different reasons** stating **how you know** the data above represents a proportional relationship. \_\_\_\_\_

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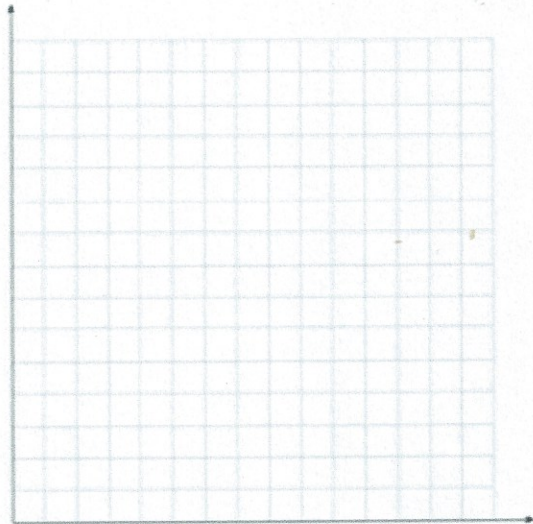
If the data above represents a proportional relationship, what is the **constant of proportionality**? \_\_\_\_\_

If the data in the table represents a proportional relationship, **write an equation** for the proportional relationship. \_\_\_\_\_

If the data in the table represents a proportional relationship, identify the **unit rate**, or the total bill cost when **one** GB of data is used. \_\_\_\_\_

Graph the data in the table on the coordinate plane provided.

Recommended Water Intake Per Weight	
Weight (in pounds)	Water Intake (in L)
300	15
250	12.5
200	10
150	7.5
100	5
50	2.5



Does the data above represent a proportional relationship? \_\_\_\_\_

If the data **does** represent a proportional relationship, provide **three different reasons** stating **how you know** the data above represents a proportional relationship. \_\_\_\_\_

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If the data above represents a proportional relationship, what is the **constant of proportionality**? \_\_\_\_\_

If the data in the table represents a proportional relationship, **write an equation** for the proportional relationship. \_\_\_\_\_

If the data in the table represents a proportional relationship, identify the **unit rate**, or the amount of water recommended for someone who weighs **one** pound. \_\_\_\_\_