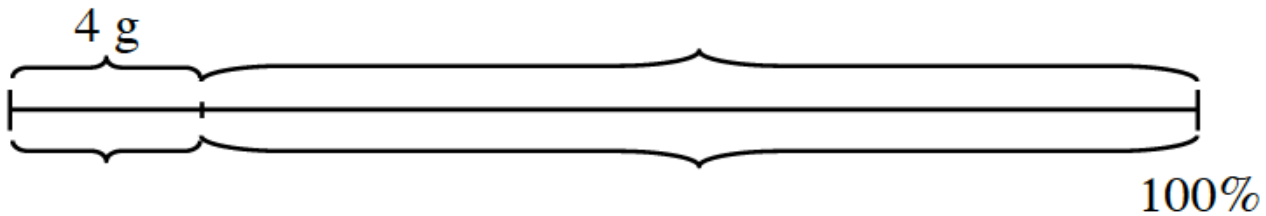


5-4. One granola bar contains 4g of dietary fiber. The label says that 4g is 16% of the daily recommended amount. Louis decided to draw a diagram like the one below to understand this situation.

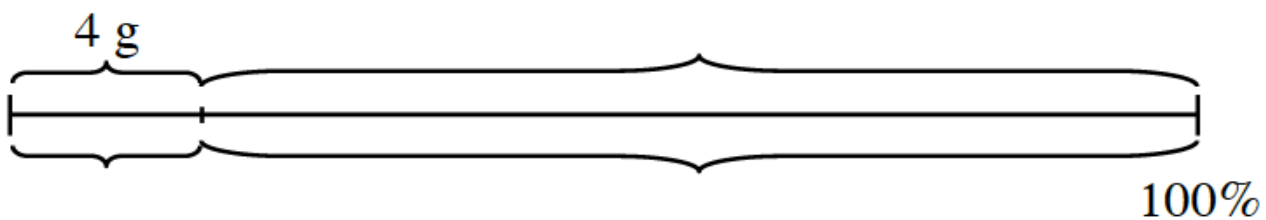
Recommended Daily Intake of Fiber



- Copy the diagram and add the label for 16%.
- How many grams of fiber are recommended each day? How can you show this with equal ratios?
- What percent of fiber should Louis get from other foods? Why is this percent equivalent to the ratio $\frac{21 \text{ g}}{25 \text{ g}}$?
- What other amounts are missing on the diagram? Add labels for all parts, percents, and the whole.
- Chris is eating cookies that contain 12g of dietary fiber, which he says is 48% of the recommended daily amount. How can you use ratios and part (b) above to check that 12g is equivalent to 48%?

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