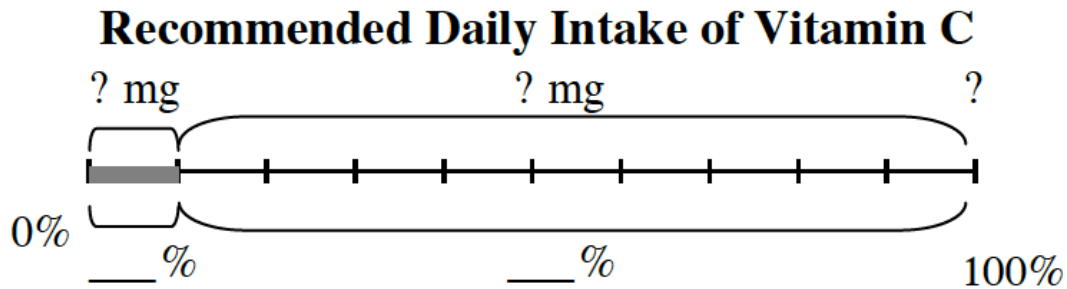


**5-5.** One large carrot contains approximately 6 mg of Vitamin C. The recommended daily intake of Vitamin C is 60 mg. Resa wanted to find out what percentage of her daily Vitamin C she gets from one carrot. She started with a line divided into 10 parts.



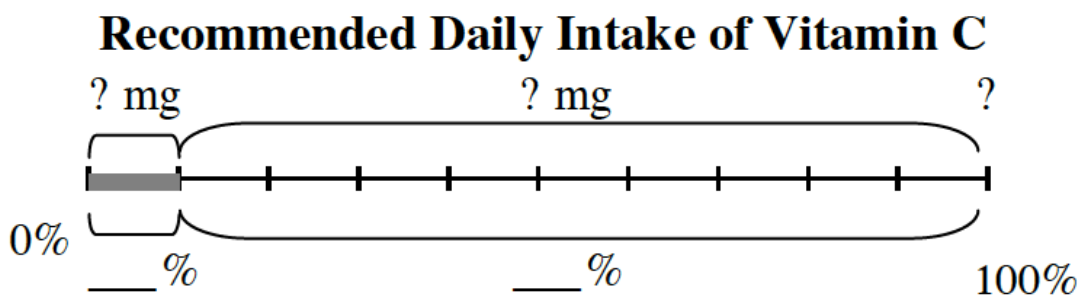
a. Why do you think she divided the line segment into 10 parts?

b. Copy the diagram and fill in the missing labels.

c. The ratio  $\frac{6 \text{ mg}}{60 \text{ mg}}$  represents the portion of Vitamin C in one large carrot. Work with your team to find this ratio in the diagram. Where do you see each amount? What other ratio could you write that would be equal to this?

e. Use the diagram to help you find and write at least two other ratios on the number line that are equal to each other.

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