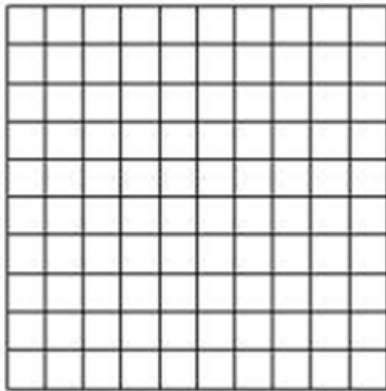


**Lesson Summary**

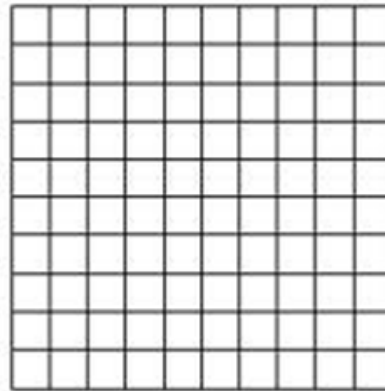
Models and diagrams can be used to solve percent problems. Tape diagrams,  $10 \times 10$  grids, double number line diagrams, and others can be used in a similar way to using them with ratios to find the percent, the part, or the whole.

**Problem Set**

1. What is 15% of 60? Create a model to prove your answer.
2. If 40% of a number is 56, what was the original number?
3. In a  $10 \times 10$  grid that represents 800, one square represents \_\_\_\_\_.  
Use the grids below to represent 17% and 83% of 800.



17%



83%

17% of 800 is \_\_\_\_\_.

83% of 800 is \_\_\_\_\_.