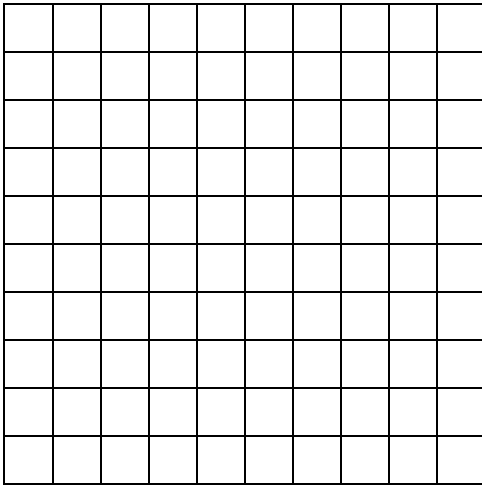


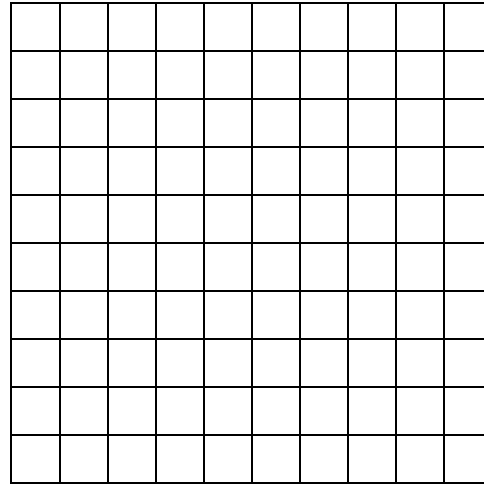


1. Rob is the owner of a comic shop called Limited Edition Comic. Each week, Rob ships comics to customers. One week a customer ordered 12.57 pounds of special Avenger comics. Another customer ordered 12.8 pounds of special Spiderman comics. Which order would cost Rob more to ship? Represent the decimal part of each number by shading the following grids. Use this area model to explain which number is greater.

0.57



0.8



Show which number is greater using another strategy.



2. As Rob was leaving work on Tuesday, he noticed the rain gauge registered 0.9 inch of rain for the day. On Monday, his gauge showed 0.79 inch. On which day did it rain more? Show your reasoning by expressing the decimals as fractions.

Show which number is greater using another strategy. (See page 3 for blank 10-by-10 grids.)

3. While working with small samples of ore, Gabe determined that the first sample weighed 0.288 grams. The second sample weighed 0.305 grams. Which sample weighed more? Show your reasoning by using place value.

Show which number is greater using another strategy. (See page 3 for blank 10-by-10 grids.)

4. In the Beijing Olympics, the following times were recorded for Jamaican athletes in the 100-meter track and field competition: 10.2 seconds, 10.02 seconds, 10.16 seconds. If these three runners had competed in the same race, which would have been the winning time? Show your reasoning using whatever method you like. Why did you pick that particular method? (Note: The winning time will be the decimal with the smallest value.)

