

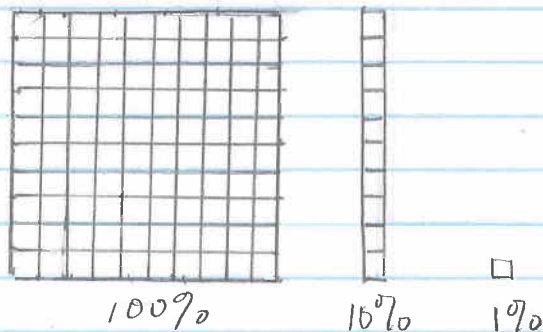
### 3.1.3 Connecting Percents with Decimals and Fractions

Essential Question: How will I be able to recognize the connections between fractions and percents as they relate to decimals and decimal language?

**BIG IDEAS:**

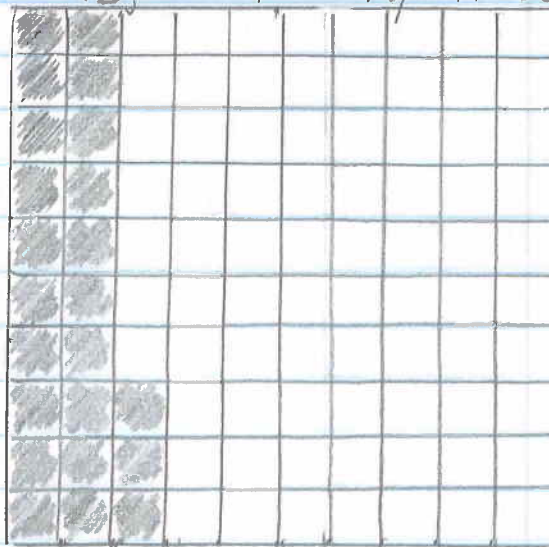
100% Blocks

Base Ten Blocks can also be used to represent percents. The three basic blocks represent 100%, 10%, and 1% as shown below.



Percent

... a way of expressing a number as a fraction out of 100. In the example below, 23 out of 100 squares are shaded to represent 23%. 23% can be expressed as  $\frac{23}{100}$ , 0.23, or twenty-three hundredths.



$$23\% = \frac{23}{100} = 0.23$$