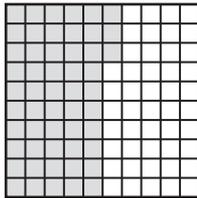


Relate Hundredths and Decimals

Write the fraction or mixed number and the decimal shown by the model.



Step 1 Count the number of shaded squares in the model and the total number of squares in the whole model.

Number of shaded squares: 53

Total number of squares: 100

Step 2 Write a fraction to represent the part of the model that is shaded.

$$\frac{\text{Number of Shaded Squares}}{\text{Total Number of Squares}} = \frac{53}{100}$$

The fraction shown by the model is $\frac{53}{100}$.

Step 3 Write the fraction in decimal form.

Think: The fraction shown by the model is _____.

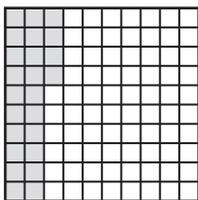
0.53 names the same amount as $\frac{53}{100}$. $\frac{53}{100}$

The decimal shown by the model is 0.53.

The fraction and decimal shown by the model are $\frac{53}{100}$ and 0.53.

Write the fraction or mixed number and the decimal shown by the model.

1



2

