

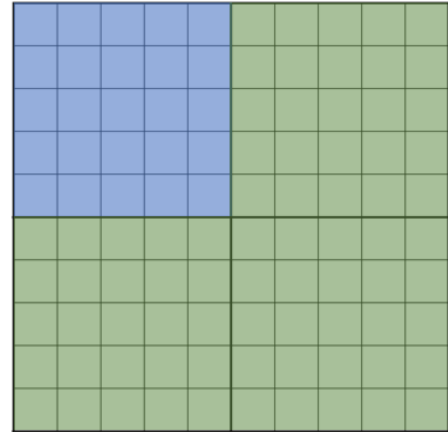
Percent



- How would I describe the blue part of the grid?

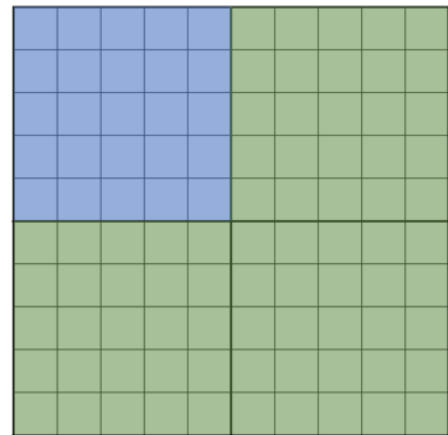
Percent means *per hundred*.

- How would I use my description, *for the blue part of the grid*, to explain percent?
- How could I represent the blue part of the grid by writing a fraction?
- How would I explain the parts of my fraction?
- How would I use the fraction $\frac{25}{100}$ to explain a percent value?



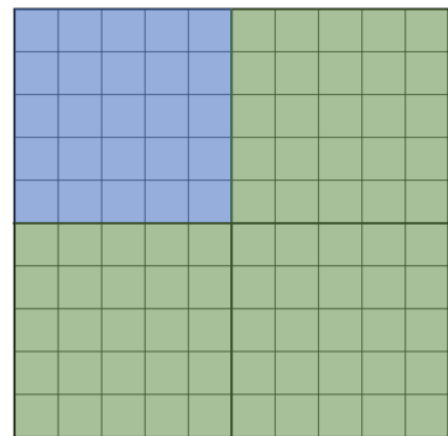
A classmate wrote the fraction $\frac{1}{4}$ to represent the blue part of the grid.

- How could I re-visualize the grid to illustrate why the fraction $\frac{1}{4}$ represents the blue part of the grid?



- How could I use a calculation to illustrate how $\frac{25}{100}$ is equivalent to $\frac{1}{4}$?

- How could I use equivalent fractions to explain why $\frac{1}{4}$ of the grid is the same amount as 25%?



Here are 3 ways to represent the blue part of the grid.

25%

$$\frac{25}{100}$$

$$\frac{1}{4}$$

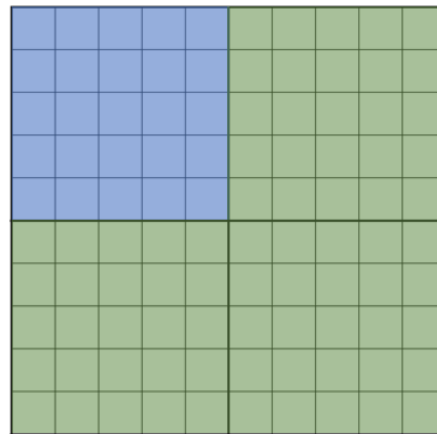
- How would I explain writing the blue part of the grid as a decimal?

Percent means *per hundred*.

- How would I use this definition to explain writing the green part of the grid as a percent?

I could also think of percent as...
the numerator of a fraction with denominator 100

- How would I use a fraction of 100 to explain the percent of the grid shaded green?
- How would I explain writing my fraction $\frac{75}{100}$ in simplest form or lowest terms?
- How would I explain writing the percent of the grid shaded green as a decimal?



Percent



Which statements do I feel confident explaining and demonstrating?

Which statements do I not feel confident explaining and demonstrating?

- ✓ I can explain why a percent value can be written as a fraction of 100
- ✓ I can write a fraction of 100 to represent a percent value
- ✓ I can explain and demonstrate how I write equivalent fractions
- ✓ I can explain and demonstrate simplifying a fraction to lowest terms
- ✓ I can explain and demonstrate writing a percent value as a fraction in lowest terms
- ✓ I can explain and demonstrate writing a fraction as an equivalent decimal
- ✓ I can explain and demonstrate writing a percent value as an equivalent decimal