

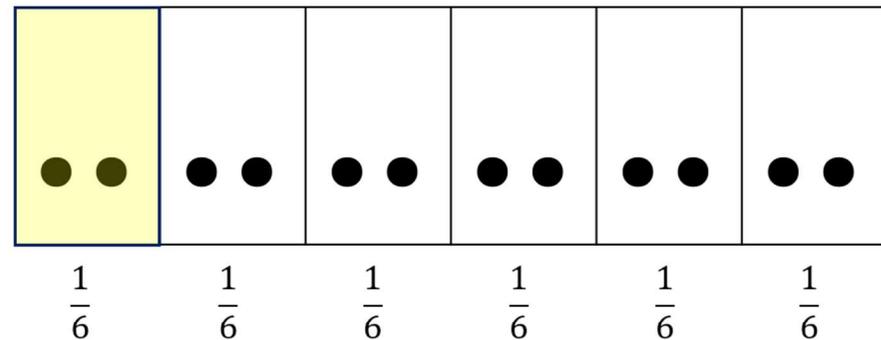
# Finding a Unit Fraction of an Amount

A unit fraction is a fraction where the numerator is one. It represents one part of a whole that has been split into equal parts. Examples of unit fractions are a half ( $\frac{1}{2}$ ), a third ( $\frac{1}{3}$ ) and a quarter ( $\frac{1}{4}$ ).

## To find a unit fraction of an amount:

- 1. Draw a fraction grid:** Split the grid into equal parts based on the denominator.
- 2. Share counters or dots:** Place the total amount evenly across all parts.
- 3. Shade one part:** This shows the unit fraction (just one part).
- 4. Count the dots in the shaded part:** This is your answer.
- 5. Did you notice:** Finding a unit fraction of an amount is the same as dividing by the denominator.

**Example:** What is  $\frac{1}{6}$  of 12?



**Answer:**  $\frac{1}{6}$  of 12 is 2

$$12 \div 6 = 2$$

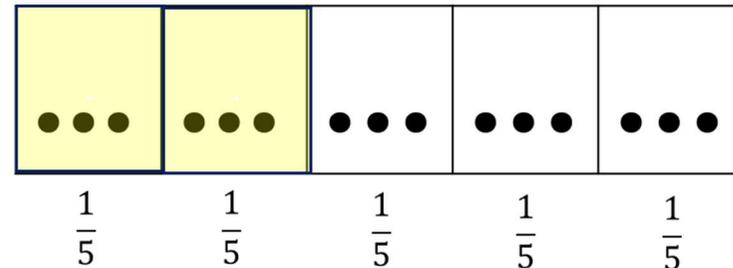
# Finding a Non-Unit Fraction of an Amount

A non-unit fraction is a fraction where the numerator is greater one. It represents one part of a whole that has been split into equal parts. Examples of unit fractions are two-thirds, three-quarters ( $\frac{3}{4}$ ) and twelve-ninths ( $\frac{12}{9}$ ).

**To find a non-unit fraction of an amount:**

- 1. Draw a fraction grid:** Split the grid into equal parts based on the denominator.
- 2. Share counters or dots:** Place the total amount evenly across all parts.
- 3. Shade the parts:** Shade the number of parts you are interested in based on the numerator.
- 4. Count the dots in the shaded parts:** This is your answer.
- 5. Did you notice:** Finding a non-unit fraction is the same as division followed by multiplication?

**Example:** What is  $\frac{2}{5}$  of 15?



**Answer:**  $\frac{2}{5}$  of 15 is 6

$$15 \div 5 = 3$$
$$3 \times 2 = 6$$