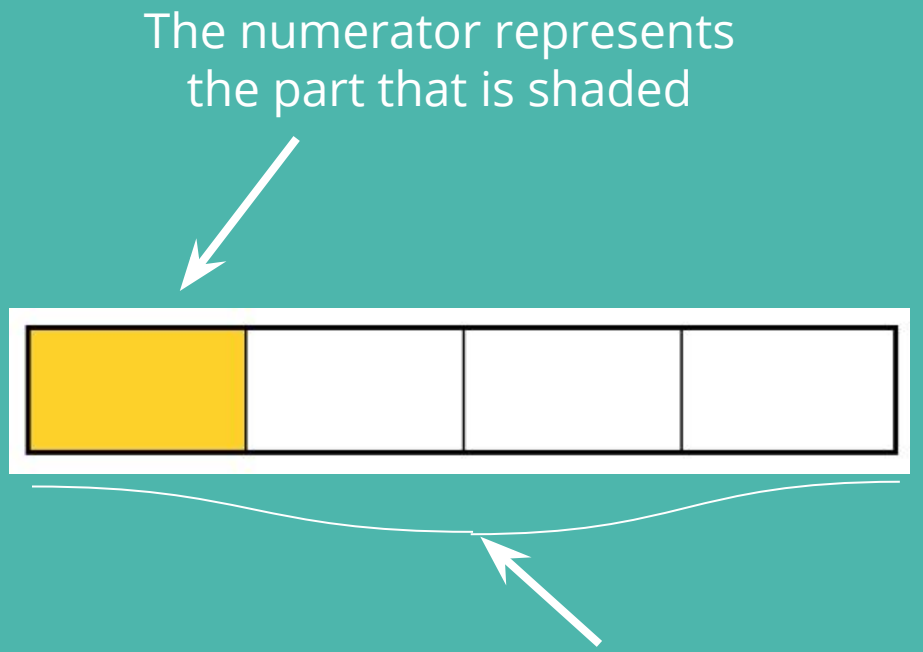
Fraction Models

Area Models and Length Models

Length Models

Length models are linear models representing a whole which is divided into equal parts.

Example: ¼

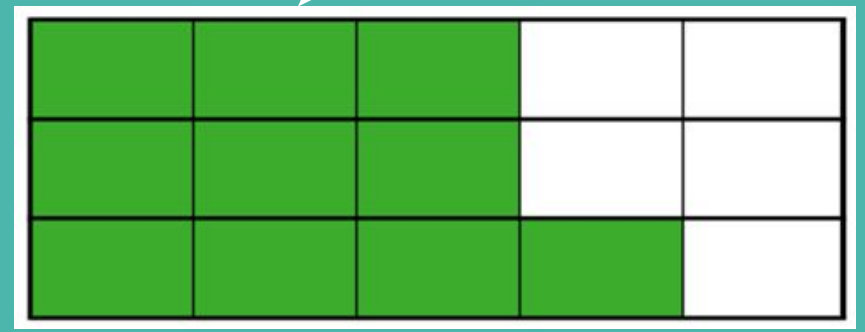


Area Models

Area models are representing a region or shape which is partitioned into equal parts.

Example: $\frac{10}{15}$.

The numerator represents the part that is shaded



The denominator represents the amount of pieces the whole is broken into

Create a linear model that represents the fraction:

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Remember, the numerator represents the shaded area and the denominator represents how many pieces to break the whole into.

Create a linear model - you choose the fraction.

Fraction:

Use this shape to create an area model to represent the fraction:

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Fraction:

Area Model:

Create your own area model.

You can choose the shape and the fraction.