



Univers fini équiprobable







favorables





total






# Exemple #3

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- $\Omega$  ensemble fini
- Pour tout  $A \subset \Omega$ , on pose

$$\mathbb{P}(A) = \frac{|A|}{|\Omega|}$$


The diagram shows the probability formula  $\mathbb{P}(A) = \frac{|A|}{|\Omega|}$ . To the right of the numerator  $|A|$  is a grey rectangular box with the word "favorables" in yellow. To the right of the denominator  $|\Omega|$  is a grey rectangular box with the word "total" in yellow. Both boxes have a small triangle pointing towards their respective parts of the fraction.

# Exemple #4

Probabilité d'un événement dénombrable