

## expectation-constant<sup>11,40</sup>

$\forall p:\text{FinProbSpace}, a:\mathbb{Q}, n:\mathbb{N}, X:\text{RandomVariable}(p;n).$   
 $(\forall s:\{0..n^-\} \rightarrow \text{Outcome}). X(s) = a \Rightarrow (\mathbb{E}(n;X) = a)$