

$$\left[\begin{array}{l}
 > \mathbf{x} := \text{rsolve}(\{\mathbf{s}(1) = 0, \mathbf{s}(n) = \mathbf{s}(n/2) + n + 2*\mathbf{c}\}, \mathbf{s}); \\
 & \quad x := 2n + 2 \left(\frac{\ln(n)}{\ln(2)} + 1 \right) c - 2 - 2c \\
 & \\
 > \text{simplify}(\mathbf{x}); \\
 & \quad \frac{(2n - 2) \ln(2) + 2c \ln(n)}{\ln(2)}
 \end{array} \right. \quad \begin{array}{l} \text{(1)} \\ \\ \text{(2)} \end{array}$$