

simplify:  $(3^{x+1} - 3^x) / [2(3^x) - 3^{x-1}]$

**Solution**

$$\frac{3^{x+1} - 3^x}{[2(3^x) - 3^{x-1}]} = \frac{3^x(3 - 1)}{3^x \left(2 - \frac{1}{3}\right)} = \frac{2}{5/3} = \frac{6}{5} = 1.2$$

**Answer :**  $\frac{6}{5}$ .