Compute the exact value of the function for the given x-value without using a calculator

1. $f(x) = 3 \cdot 5^x$ for x = 0

2. $f(x) = -2 \cdot 27^x$ for x $= \dfrac{1}{3}$

3. $f(x) = 8 \cdot 4^x$ for x $= -\dfrac{3}{2}$

4. $f(x) = 6 \cdot 3^x$ for x = -2

Compute the exact value of the function for the given x-value without using a calculator

1. $f(x) = -3 \cdot 8^x$ for $x = \dfrac{1}{3}$

2. $f(x) = -3 \cdot 16^x$ for $x = -\dfrac{1}{2}$

3. $f(x) = 6 \cdot 4^x$ for $x = \dfrac{3}{2}$

4. $f(x) = 6 \cdot 3^x$ for $x = -3$