EXERCICE - Calculs de limites

1. $\lim\limits_{t \to 0} \left(\dfrac{1}{t} - \dfrac{1}{\sin(t)} \right)$ et $\lim\limits_{t \to 0} \left(-\dfrac{1}{t^2} + \dfrac{\cos(t)}{\sin^2(t)} \right)$.

2. $\lim\limits_{x \to 0} \left(e^x - \sin(x) \right)^{\frac{1}{\sin^2(x)}}$.

3. $\lim\limits_{x \to 1} \dfrac{\sqrt{x} - \ln(1 + x) + \ln(2) - 1}{e^x - ex}$.