Beräkna gradienten $\mathrm{grad} f = \nabla f$ till

$$f(x, y, z) = x + \cos z + \ln(xyz).$$

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$$
\begin{aligned}
\nabla f &= \left(\frac{\partial f}{\partial x}, \frac{\partial f}{\partial y}, \frac{\partial f}{\partial z} \right) \\
&= \left(1 + \frac{yz}{xyz}, \frac{xz}{xyz}, -\sin z + \frac{xy}{xyz} \right)
\end{aligned}
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$$