Find the following derivatives:

1. \( \frac{d}{dx} \left( \frac{1 + x}{1 - x} \right) \)

2. \( \frac{d}{dx} \left( \frac{1 + \sin x}{1 - \sin x} \right) \)

3. Suppose \( f(u) = 5 \sin (u) \) and \( u \) is a function of \( t \) with \( \frac{du}{dt} = 6 \). Find \( f''(t) = \frac{df}{dt} \).

Your answer will have both a \( u \) and a \( t \) in it.