2. (4 points each) Suppose that \( f, g \) and \( h \) are continuous and differentiable functions such that \( f'(x) = g(x) \) and ALL of the following conditions are also true:

\[
\int_0^5 f(x)dx = -2, \quad \int_5^{10} g(x)dx = 2, \quad \int_0^5 g(x)dx = 15, \quad f(0) = 7, \quad h(x) = g(x - 5)
\]

For parts (a)-(f), find the numerical value indicated. If insufficient information is given to answer the question indicate “Insufficient information”.

(a) \( \int_0^5 f(0)g(x)dx = \)

(b) \( f(10) = \)

(c) \( \int_0^5 |f(x)| dx = \)

(d) \( \int_0^5 \left( 3f(0) - \frac{g(x)}{5} \right) dx = \)

(e) \( \int_0^5 \frac{1}{g(x)} dx = \)

(f) \( \int_5^{10} h(x)dx = \)