(2.) (12 points) Given the following:

- $f$ is an even function such that $\int_{0}^{1} f(x) d x=5$,
- $g$ is an $\boldsymbol{o d} \boldsymbol{d}$ function such that $\int_{0}^{1} g(x) d x=7$.

Compute the following definite integrals. If you do not have enough information for a given computation, write "not enough information."
(a) $\int_{0}^{1}(f(x)-g(x)) d x=-2$
(b) $\int_{0}^{1} 3 g(x) d x=21$
(c) $\int_{0}^{1} f(x) \cdot g(x) d x=$ not enough information
(d) $\int_{3}^{4} f(x-3) d x=5$
(e) $\int_{-1}^{1}(f(x)+g(x)) d x=10$
(f) $\int_{0}^{1} f(g(x)) d x=$ not enough information

