Problems 2-3 concern the integrals
$\begin{array}{llll}\text { (a) } \int_{R} f(x, y) d A & \text { (b) } \int_{R} y d A & \text { (c) } \int_{T} y d A & \text { (d) } \int_{R}\left(x-x^{2}\right) d A\end{array}$
(e) $\int_{T}\left(y-y^{2}\right) d A \quad$ (f) $\int_{L}\left(x-x^{2}\right) d A(g) \int_{L}\left(y+y^{3}\right) d A$ (h) $\int_{R}(2 x+3 y) d A$

Here $R$ is the rectangle $-1 \leq x \leq 1,-1 \leq y \leq 1$, and $T$ is the top half $-1 \leq x \leq 1,0 \leq y \leq 1$, and $L$ is the left half $-1 \leq x \leq 0,-1 \leq y \leq 1$.

Without evaluating them, decide which of the integrals are positive, which are negative, and which are zero.

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