## Multiple Integration <br> Double Integrals

## Question

Evaluate the following double integral by inspection.
$\iint_{T}(x+y) d A$
where $T$ is the parallelogram with the points $(2,2),(1,-1),(-2,-2)$ and $(-1,1)$ as vertices.
Answer
$T$ is symmetric about $x+y=0$ so $\iint_{T}(x+y) d A=0$


