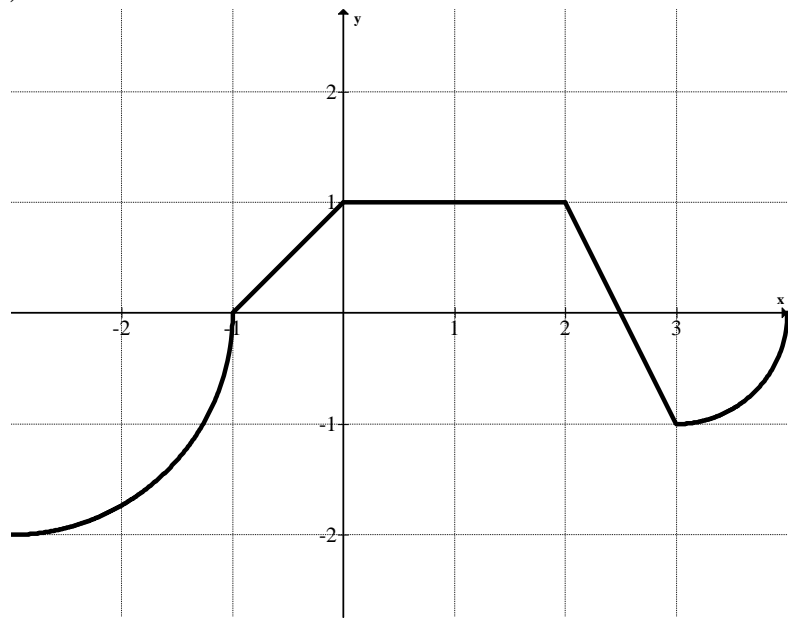


The graph of $f(x)$ consists of line segments and quarter circles as shown in the graph below.



What are the values of:

$\int\limits_{-3}^{-1} f(x)dx$	$\int\limits_{-1}^4 f(x)dx$
$\int\limits_{-1}^0 f(x)dx$	$\int\limits_{-3}^4 f(x)dx$
$\int\limits_2^3 f(x)dx$	$\int\limits_{-1}^{-3} f(x)dx$
$\int\limits_a^b f(x)\pm g(x)dx=\int\limits_a^b f(x)dx\pm\int\limits_a^b g(x)dx$	$\int\limits_a^b k\cdot f(x)dx=k\cdot\int\limits_a^b f(x)dx$
Use the definite integrals properties above to evaluate:	
$\int\limits_{-1}^3 2f(x)dx$	$\int\limits_2^3 -2f(x)+5dx$