Between $y=4x-x^2$ and $y=3$

$1\frac{1}{3}$

Between $y=(1-x)(x-4)$ and $x+y=4$

$11\frac{1}{3}$

Between $y=9-3x-5x^2-x^3$ and $y=4-4x$

$29\frac{1}{3}$

Between $y=x^2+2$ and $y=6$

$10\frac{2}{3}$

Between $y=x^2-5x+3$ and $y=3-x$

$10\frac{2}{3}$

Between $y=2x-x^2$ and $2y+x=0$

$2\frac{29}{48}$

Between $y=3\sqrt[3]{x}-\sqrt{x^3}+4$ and $y=4-\frac{1}{2}x$

7.2

Between $y=x(4-x)$ and $y=x$

4.5

Between $y=(1-x)(x+3)$ and $y=x+3$

4.5

Between $y=5+2x-x^2$ and $y=2$

$10\frac{2}{3}$

Between $y=x(4+x), y=12$ and the $y-$axis

$13\frac{1}{3}$

Between $y=x^2+1$ and $y=7-x$

$20\frac{5}{6}$

Between $y=(x-1)(x-5)$, the $x-$axis and $y=x-1$

$10\frac{1}{6}$

Between $y=5x-x^2$ and $y=2x$

4.5

Between $y=6+5x-x^2$, the $y-$axis and $y=x+1$

$33\frac{1}{3}$