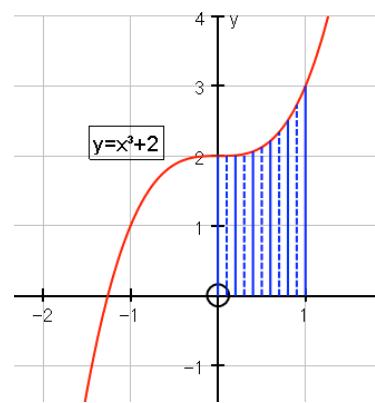


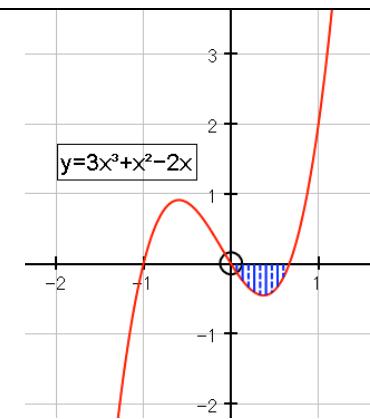
$$\int_0^1 (3x^2)dx$$

1 square unit



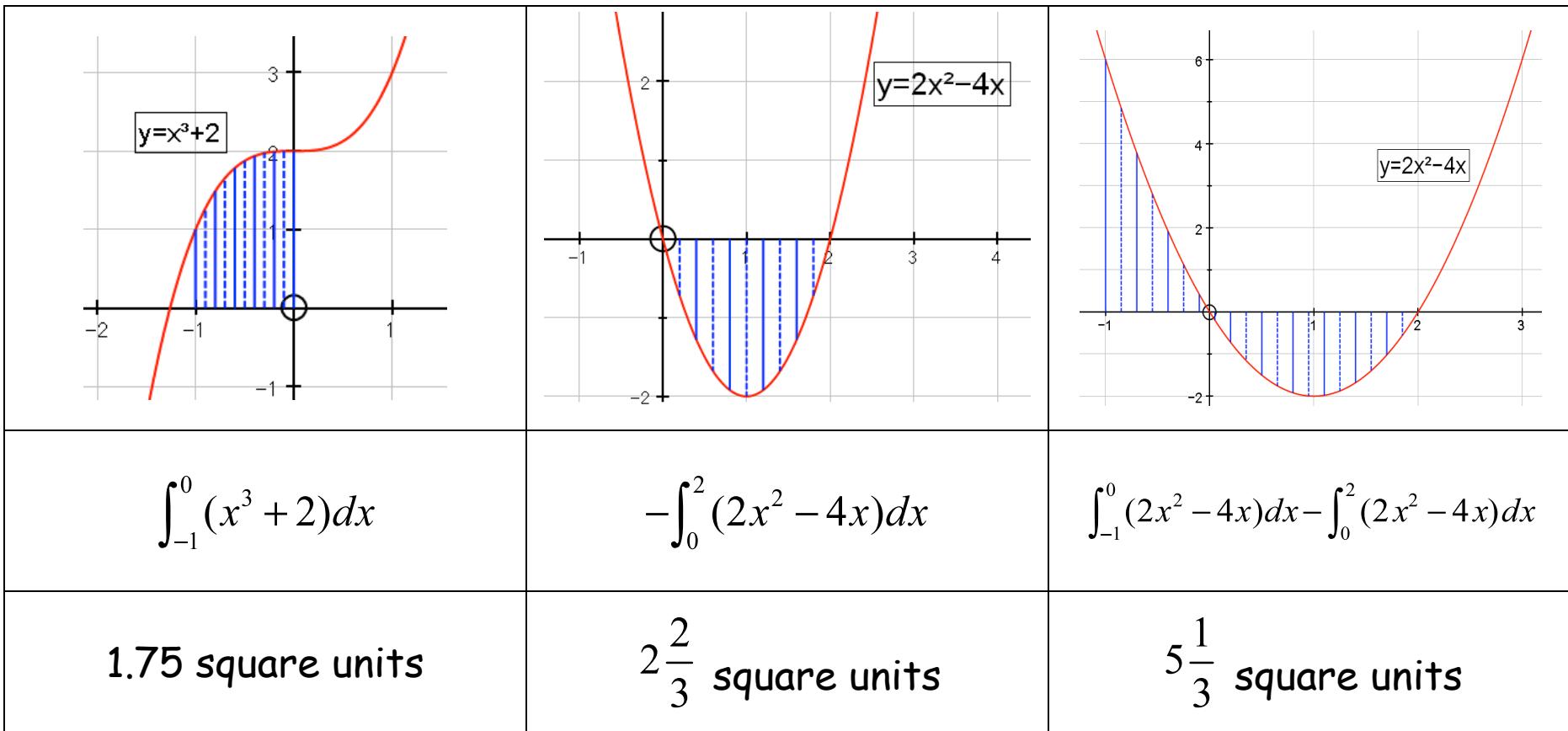
$$\int_0^1 (x^3 + 2)dx$$

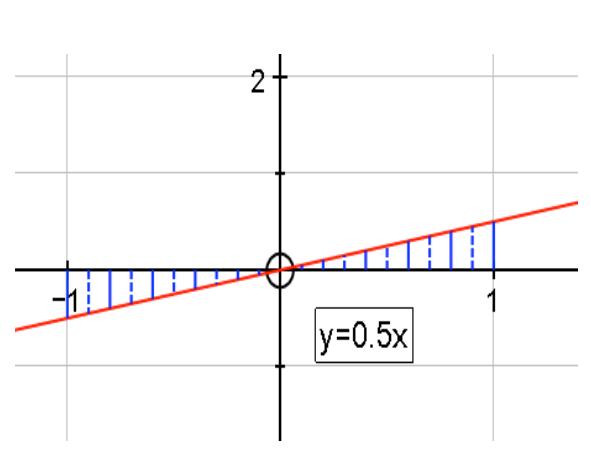
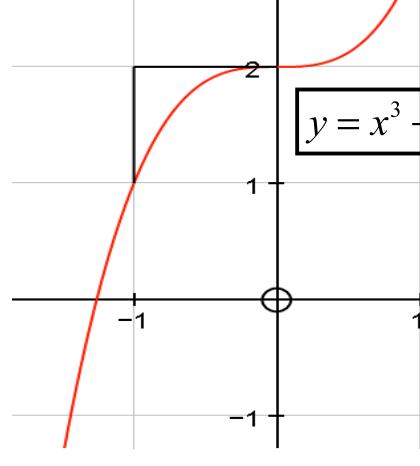
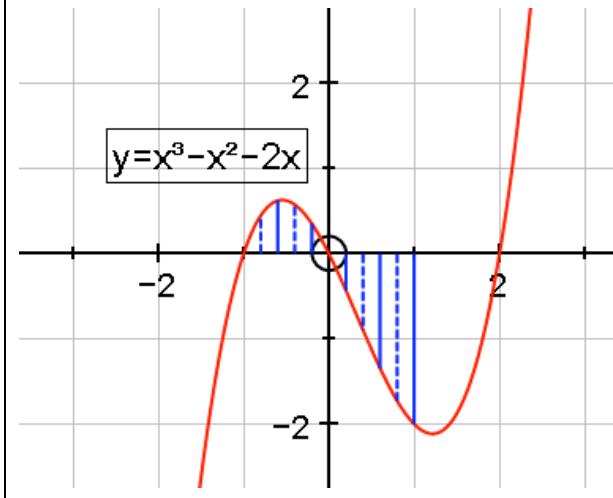
2.25 square units



$$\int_0^{2/3} (3x^3 + x^2 - 2x)dx$$

0.1975 square units



		
$\int_0^1 \left(\frac{1}{2}x\right) dx - \int_{-1}^0 \left(\frac{1}{2}x\right) dx$	$2 - \int_{-1}^0 (x^3 + 2) dx$	$\int_{-1}^0 (x^3 - x^2 - 2x) dx - \int_0^1 (x^3 - x^2 - 2x) dx$
0.5 square units	$\frac{1}{4}$ square unit	1.5 square units