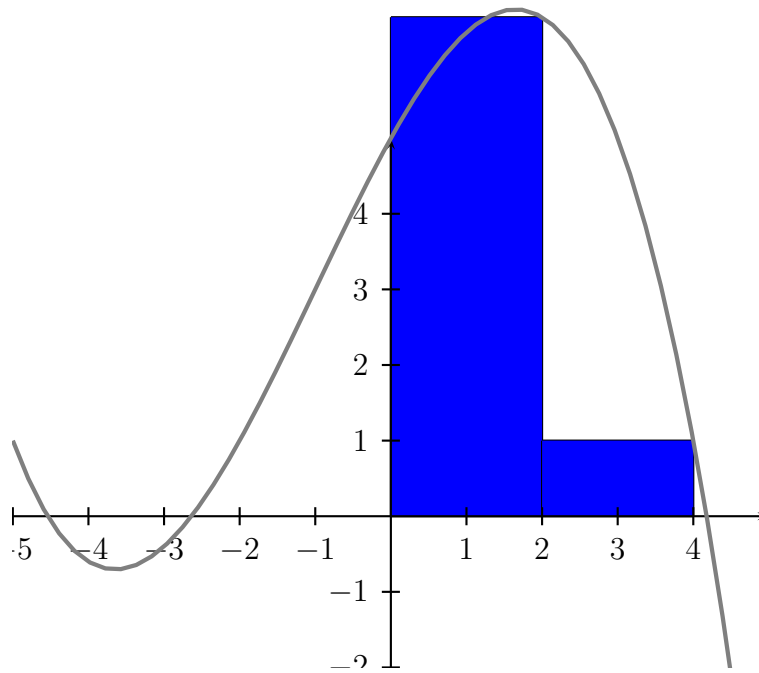


EXEMPLE D'APPROXIMATION PAR LA MÉTHODE DES RECTANGLES

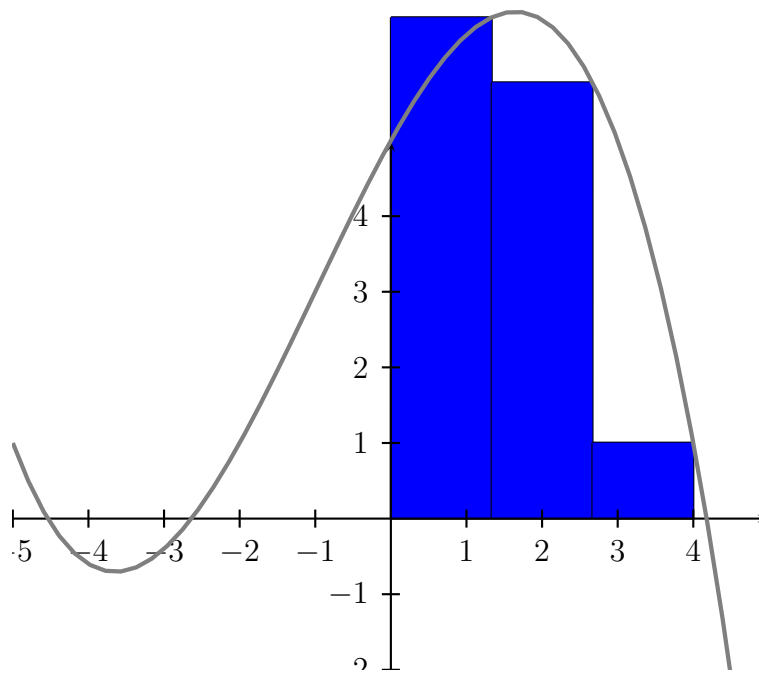
$$\int_0^4 f(x) dx$$

Nbre de découpages : 2 Largeur de l'intervalle $\frac{1}{2} = 0.5000000000000000$



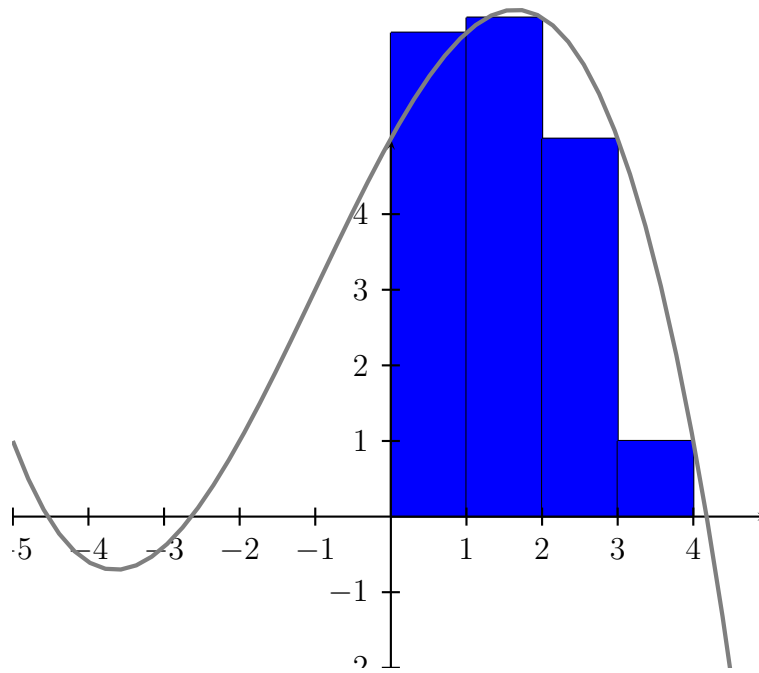
$$\int_0^4 f(x) dx$$

Nbre de découpages : 3 Largeur de l'intervalle $\frac{1}{3} = 0.3333333333333333$



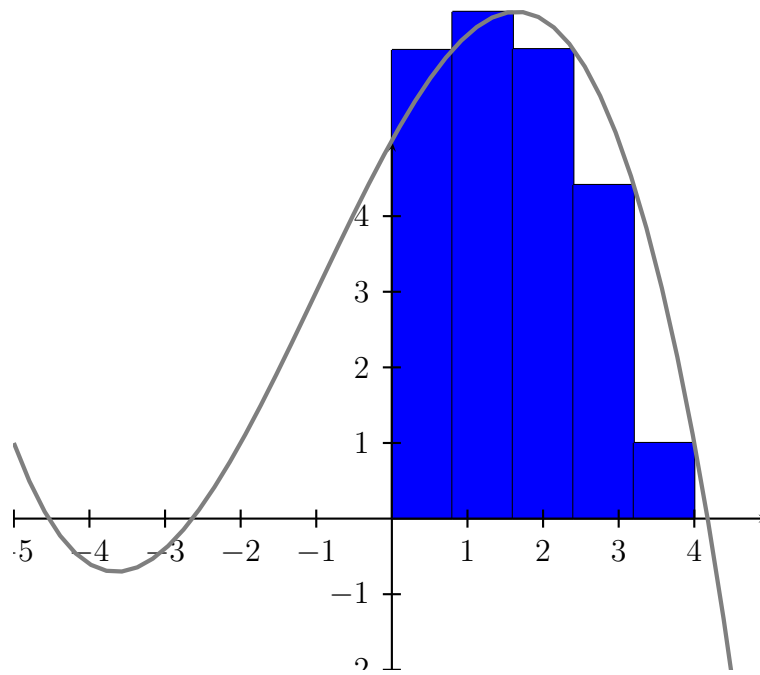
$$\int_0^4 f(x) dx$$

Nbre de découpages : 4 Largeur de l'intervalle $\frac{1}{4} = 0.250000000000000000$



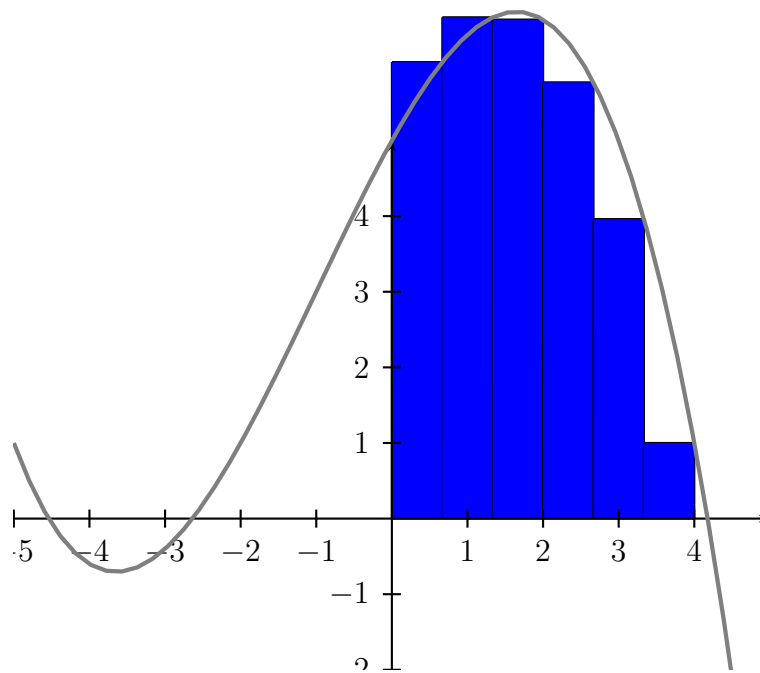
$$\int_0^4 f(x) dx$$

Nbre de découpages : 5 Largeur de l'intervalle $\frac{1}{5} = 0.200000000000000000$



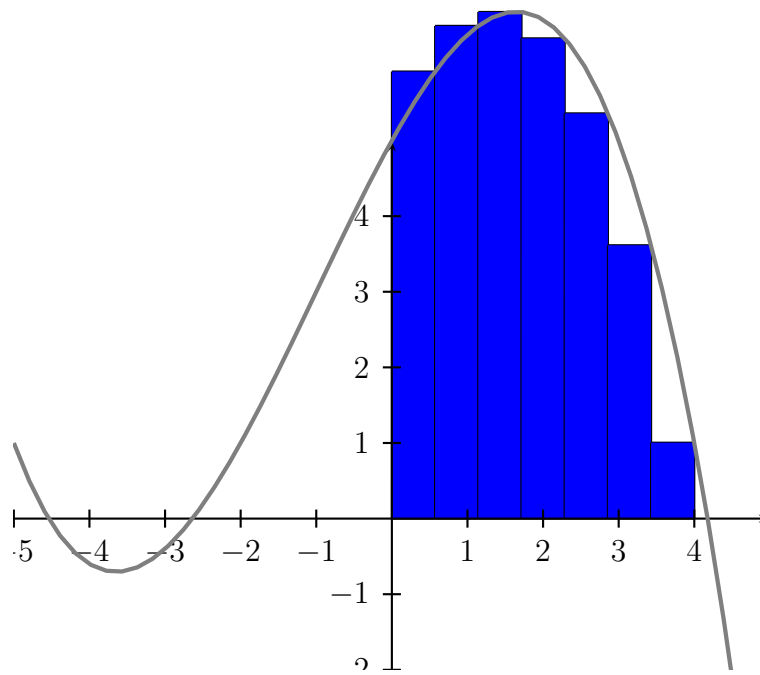
$$\int_0^4 f(x) dx$$

Nbre de découpages : 6 Largeur de l'intervalle $\frac{1}{6} = 0.16666666666666666$



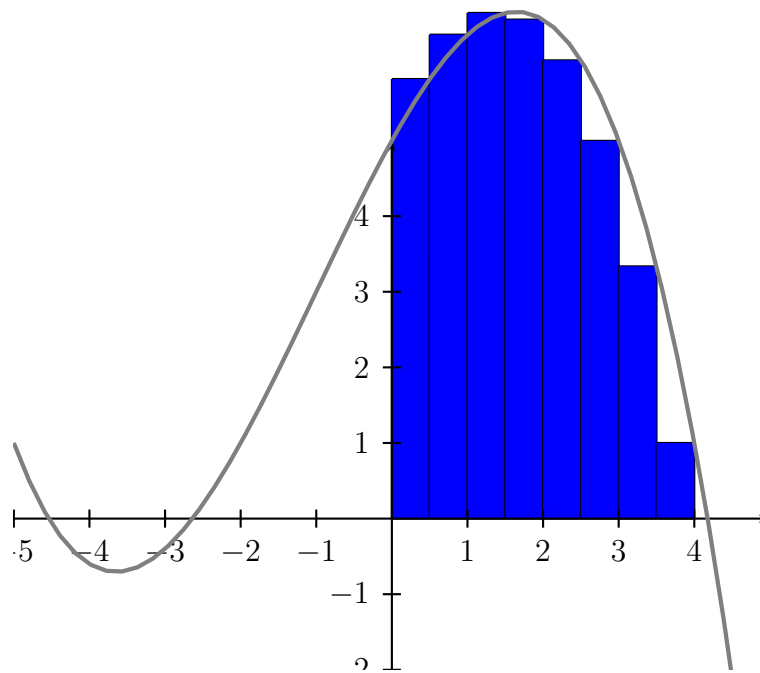
$$\int_0^4 f(x) dx$$

Nbre de découpages : 7 Largeur de l'intervalle $\frac{1}{7} = 0.142857142857142857$



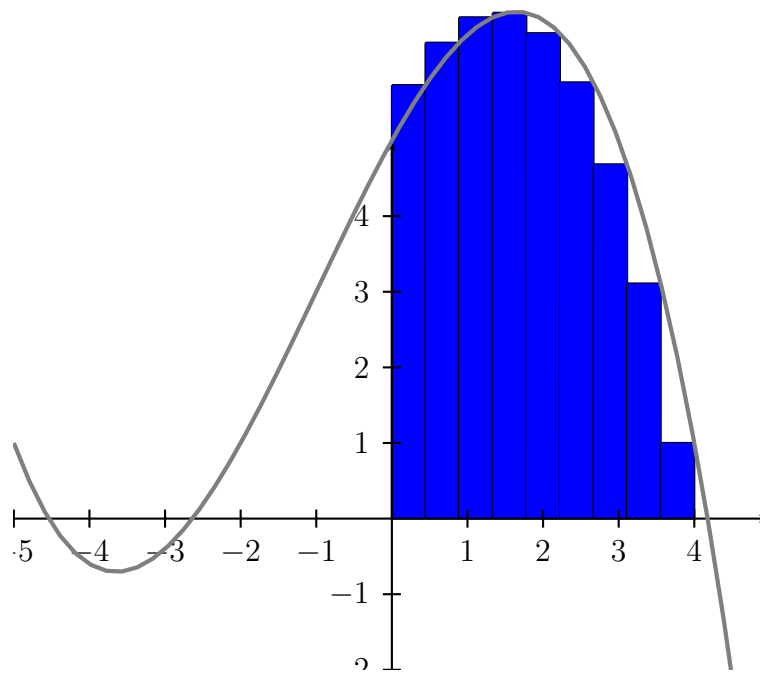
$$\int_0^4 f(x) dx$$

Nbre de découpages : 8 Largeur de l'intervalle $\frac{1}{8} = 0.12500000000000000$



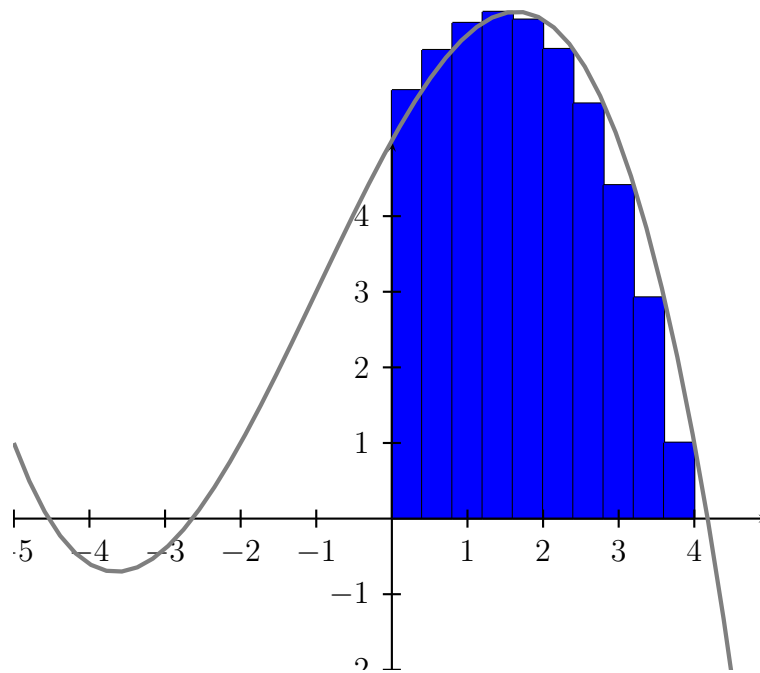
$$\int_0^4 f(x) dx$$

Nbre de découpages : 9 Largeur de l'intervalle $\frac{1}{9} = 0.1111111111111111$



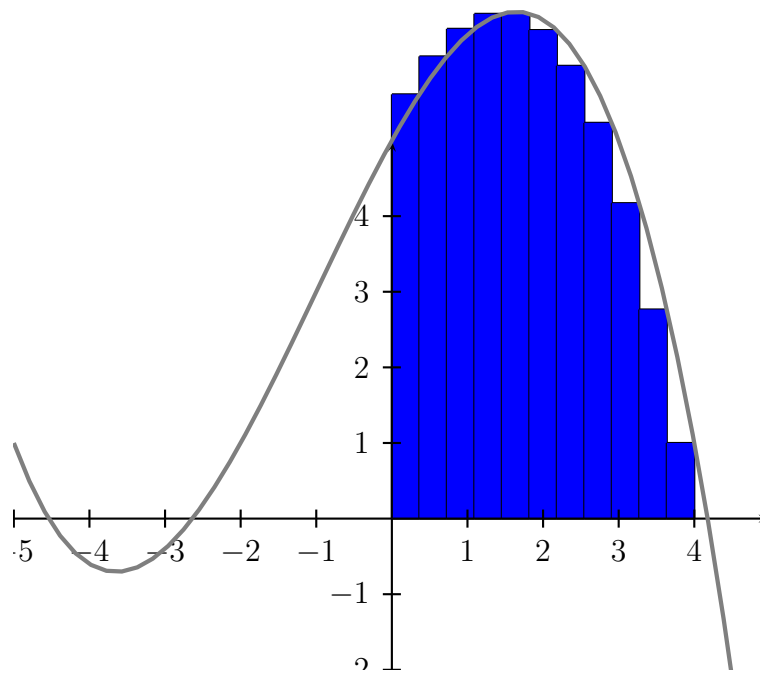
$$\int_0^4 f(x) dx$$

Nbre de découpages : 10 Largeur de l'intervalle $\frac{1}{10} = 0.100000000000000000$



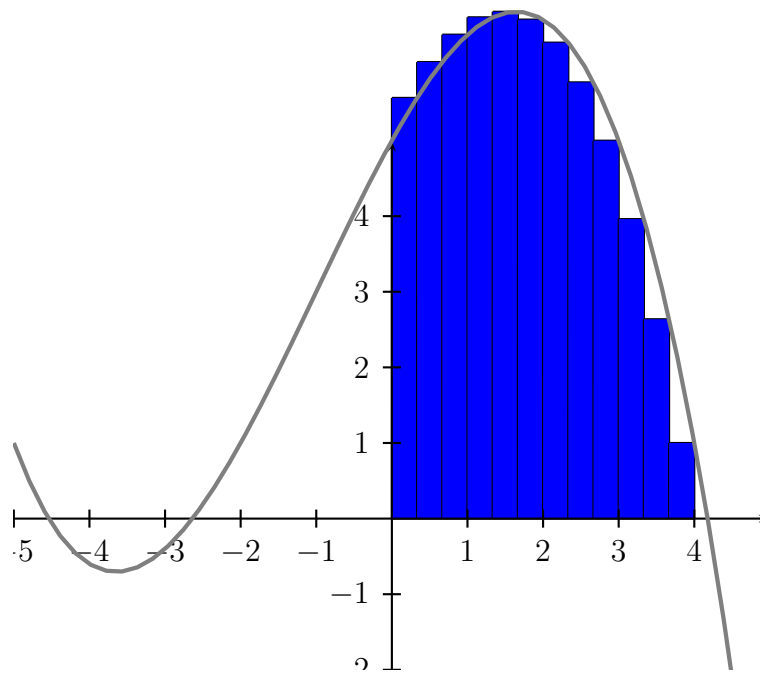
$$\int_0^4 f(x) dx$$

Nbre de découpages : 11 Largeur de l'intervalle $\frac{1}{11} = 0.0909090909090909$



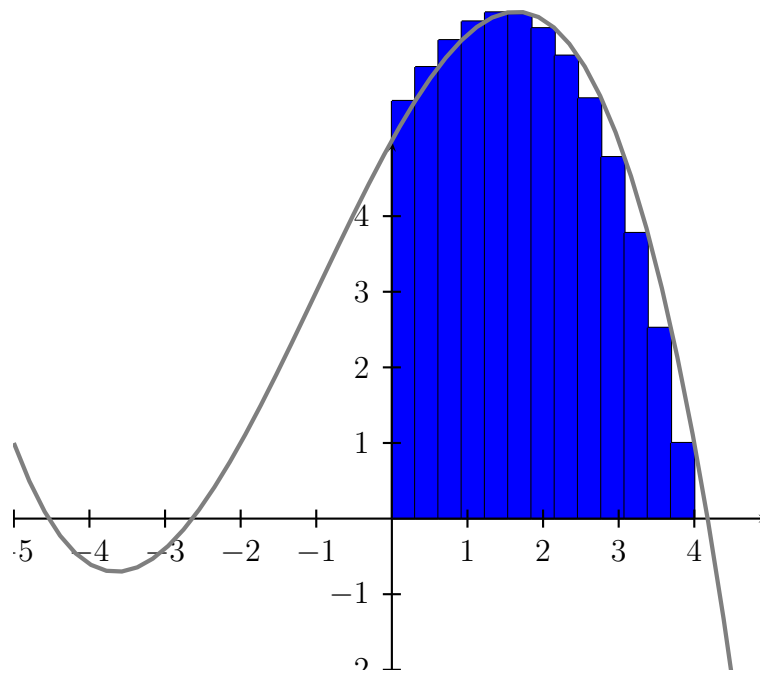
$$\int_0^4 f(x) dx$$

Nbre de découpages : 12 Largeur de l'intervalle $\frac{1}{12} = 0.08333333333333333$



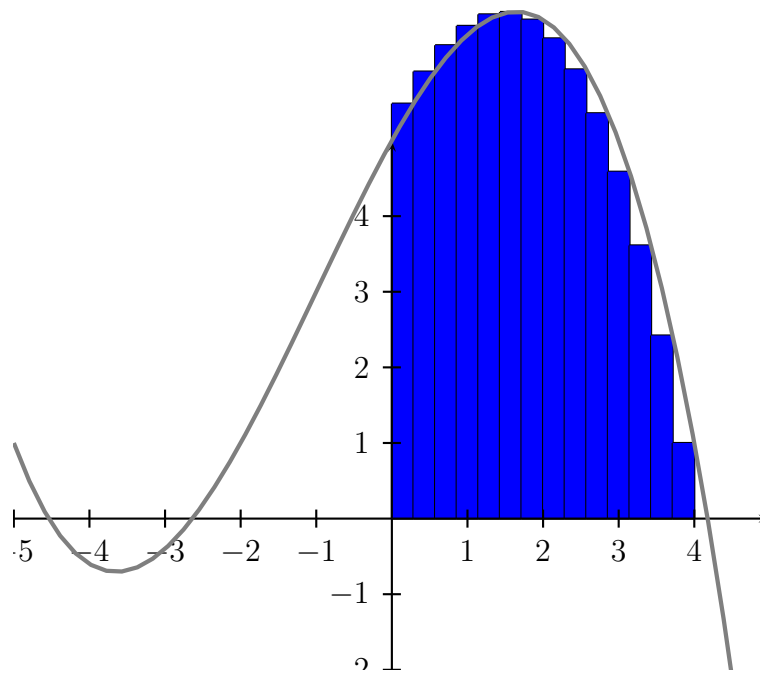
$$\int_0^4 f(x) dx$$

Nbre de découpages : 13 Largeur de l'intervalle $\frac{1}{13} = 0.076923076923076923$



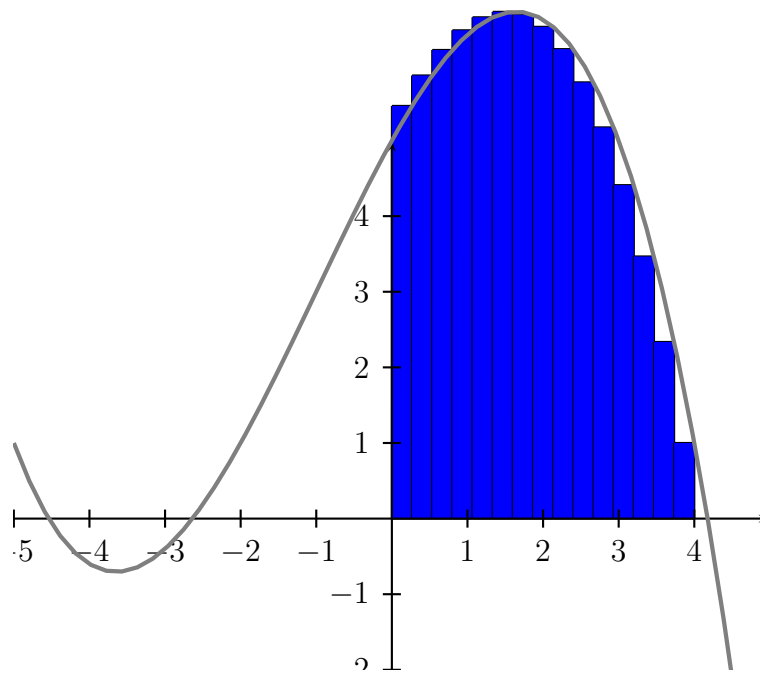
$$\int_0^4 f(x) dx$$

Nbre de découpages : 14 Largeur de l'intervalle $\frac{1}{14} = 0.071428571428571428$



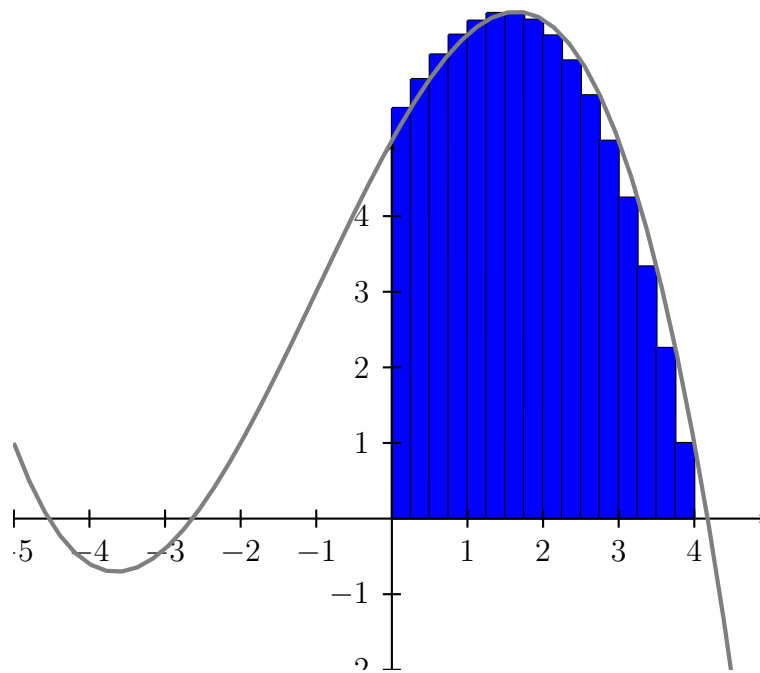
$$\int_0^4 f(x) dx$$

Nbre de découpages : 15 Largeur de l'intervalle $\frac{1}{15} = 0.06666666666666666$



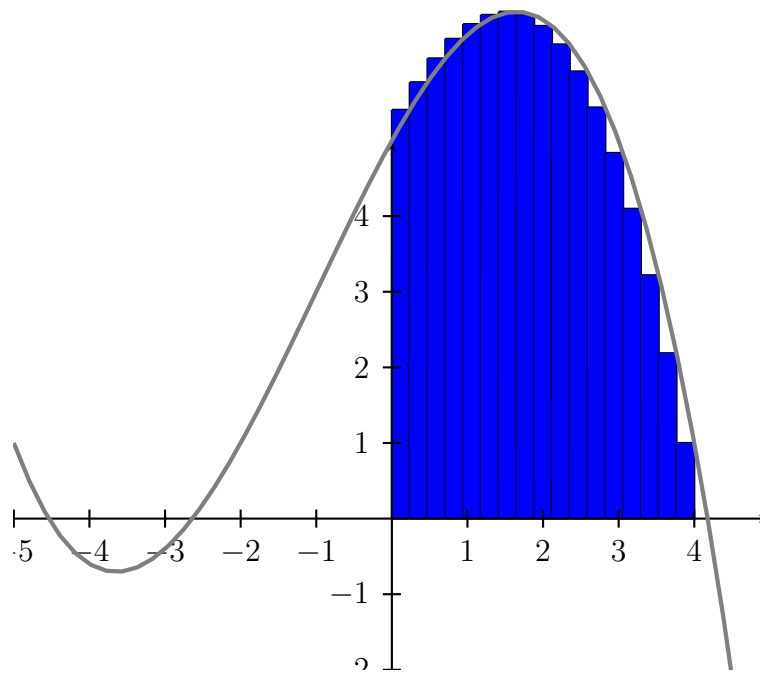
$$\int_0^4 f(x) dx$$

Nbre de découpages : 16 Largeur de l'intervalle $\frac{1}{16} = 0.062500000000000000$



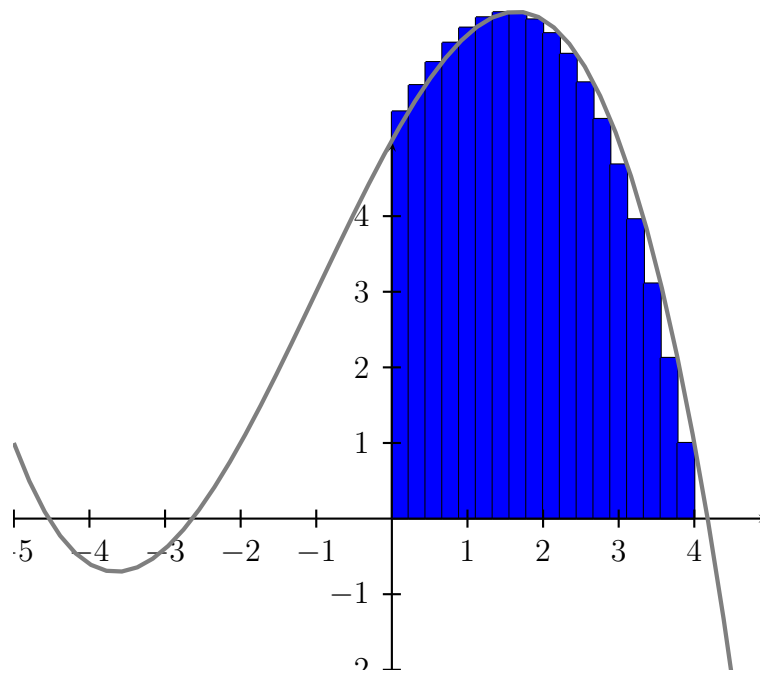
$$\int_0^4 f(x) dx$$

Nbre de découpages : 17 Largeur de l'intervalle $\frac{1}{17} = 0.058823529411764705$



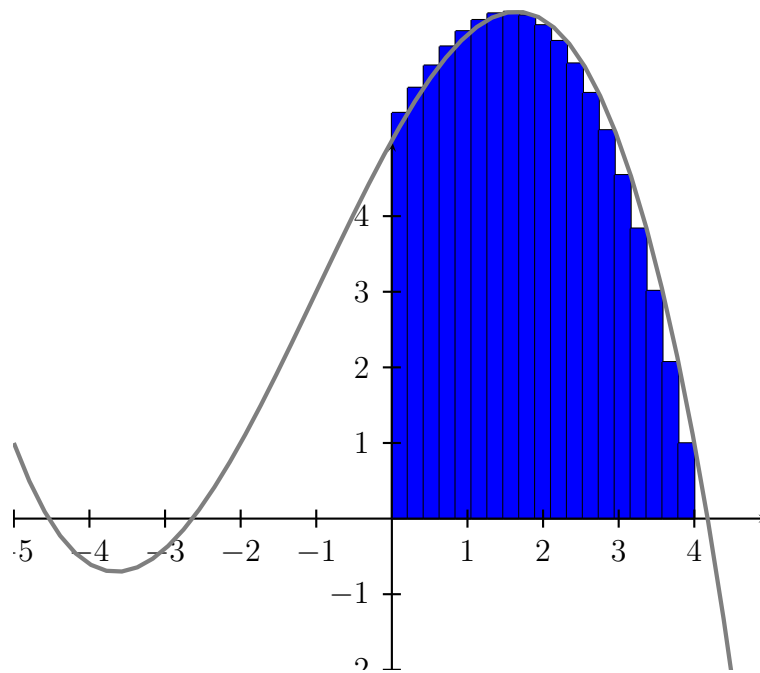
$$\int_0^4 f(x) dx$$

Nbre de découpages : 18 Largeur de l'intervalle $\frac{1}{18} = 0.05555555555555555$



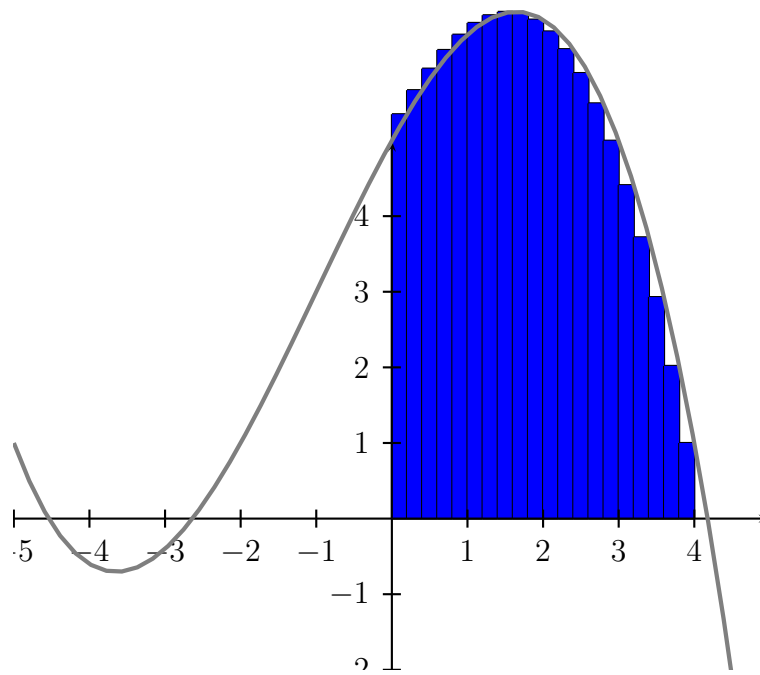
$$\int_0^4 f(x) dx$$

Nbre de découpages : 19 Largeur de l'intervalle $\frac{1}{19} = 0.052631578947368421$



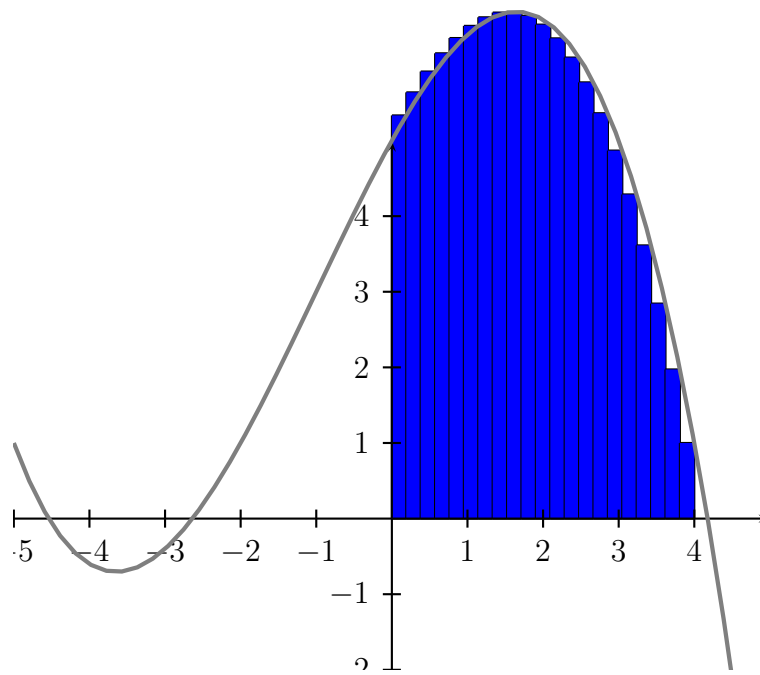
$$\int_0^4 f(x) dx$$

Nbre de découpages : 20 Largeur de l'intervalle $\frac{1}{20} = 0.050000000000000000$



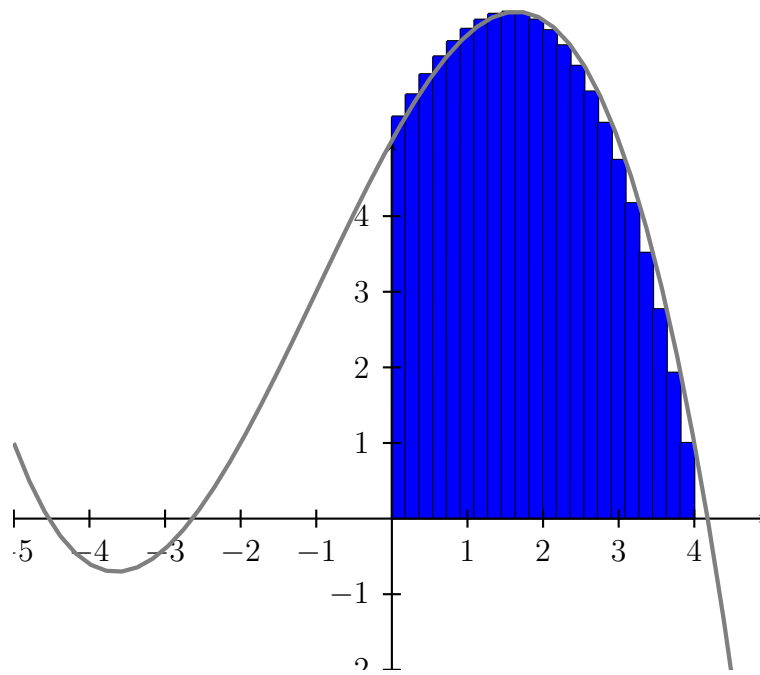
$$\int_0^4 f(x) dx$$

Nbre de découpages : 21 Largeur de l'intervalle $\frac{1}{21} = 0.047619047619047619$



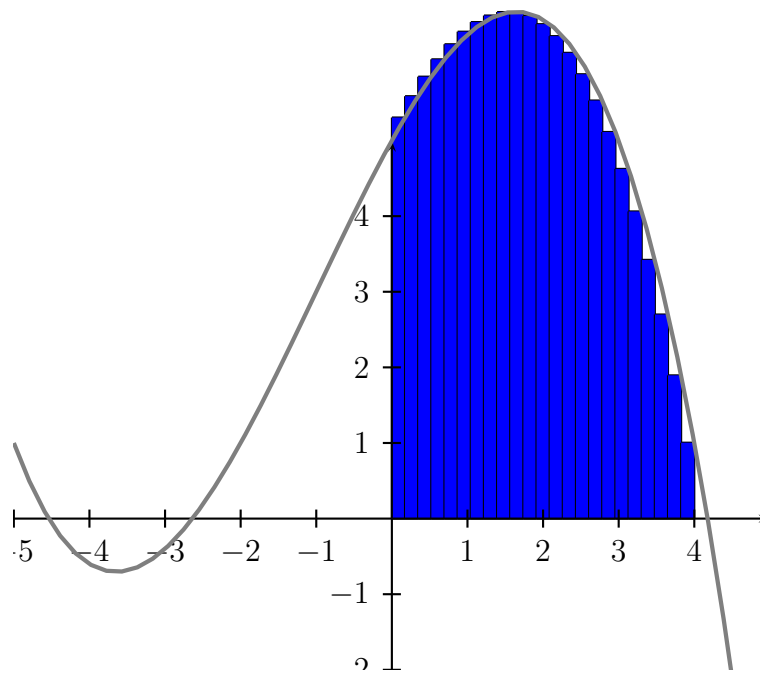
$$\int_0^4 f(x) dx$$

Nbre de découpages : 22 Largeur de l'intervalle $\frac{1}{22} = 0.045454545454545454$



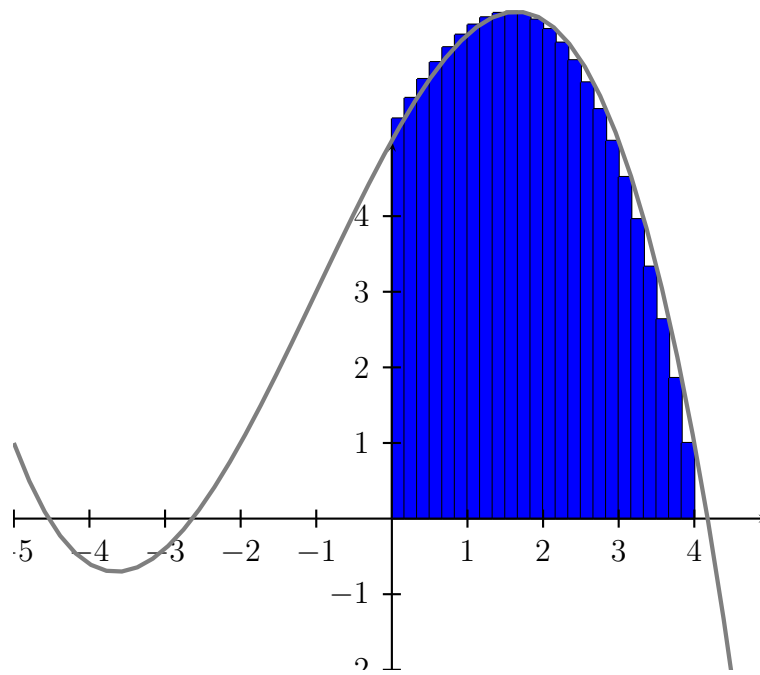
$$\int_0^4 f(x) dx$$

Nbre de découpages : 23 Largeur de l'intervalle $\frac{1}{23} = 0.043478260869565217$



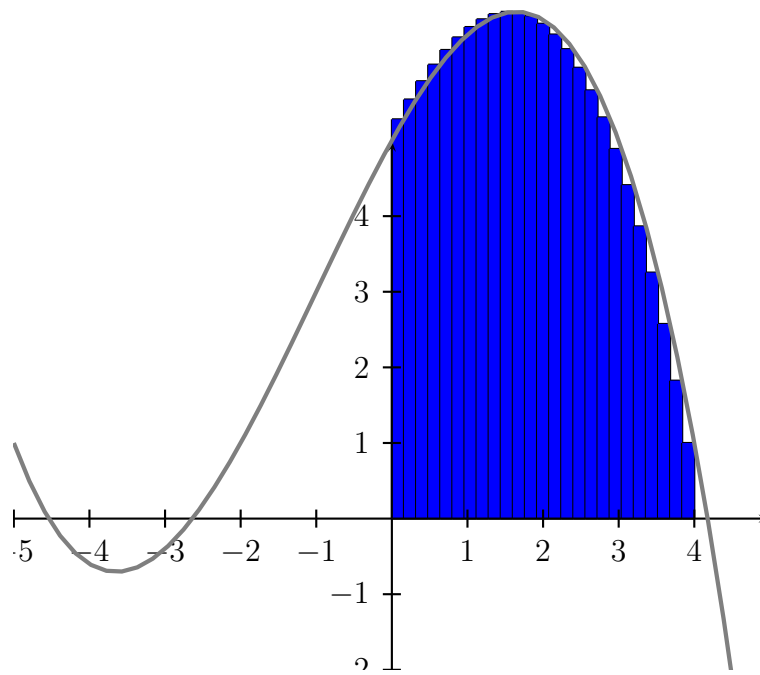
$$\int_0^4 f(x) dx$$

Nbre de découpages : 24 Largeur de l'intervalle $\frac{1}{24} = 0.04166666666666666$



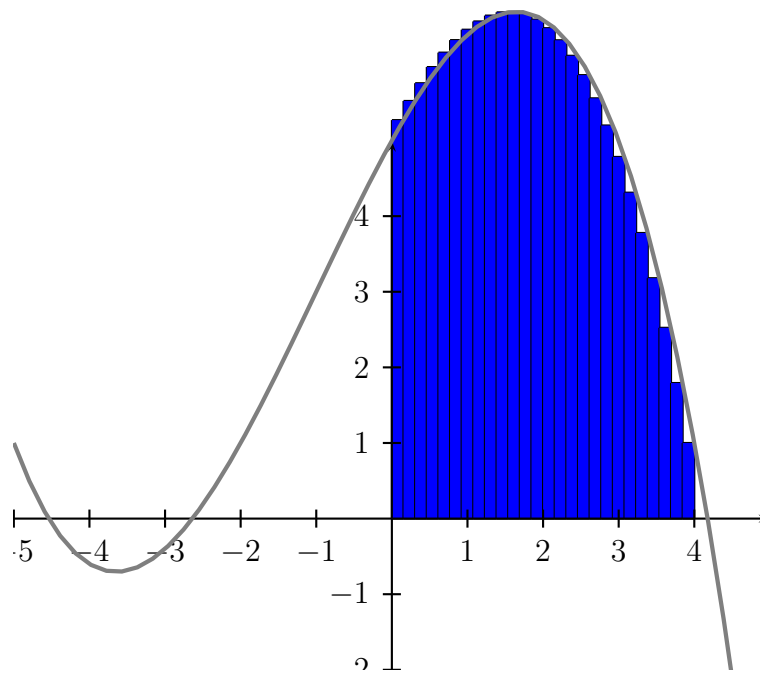
$$\int_0^4 f(x) dx$$

Nbre de découpages : 25 Largeur de l'intervalle $\frac{1}{25} = 0.040000000000000000$



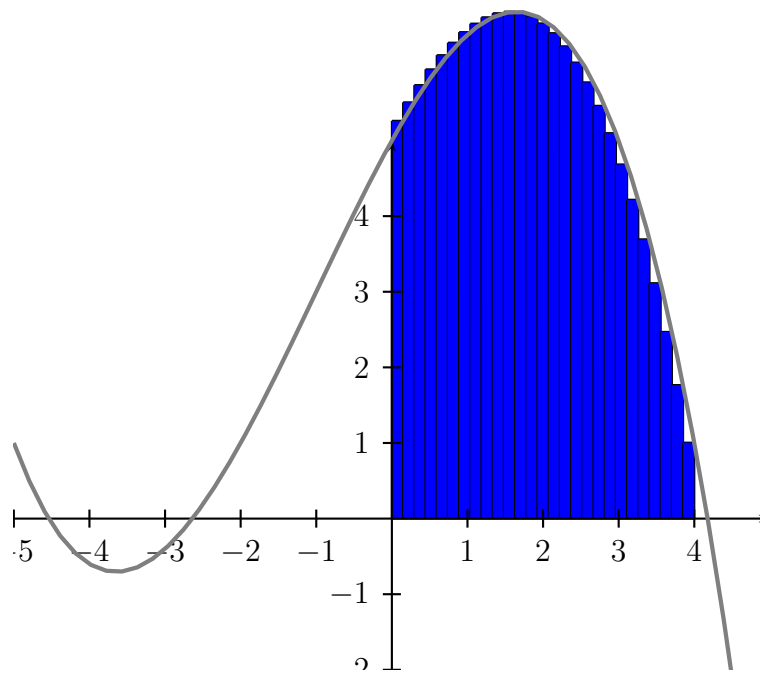
$$\int_0^4 f(x) dx$$

Nbre de découpages : 26 Largeur de l'intervalle $\frac{1}{26} = 0.038461538461538461$



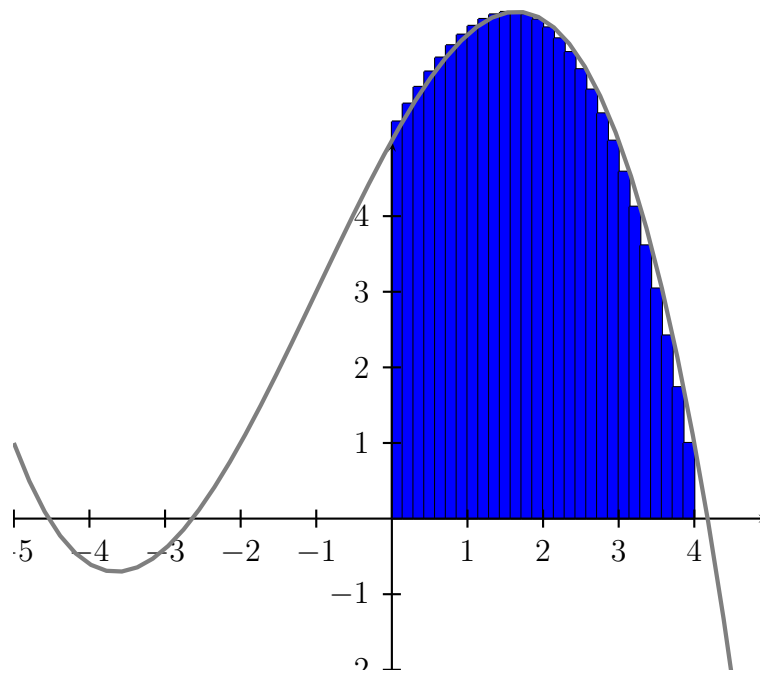
$$\int_0^4 f(x) dx$$

Nbre de découpages : 27 Largeur de l'intervalle $\frac{1}{27} = 0.037037037037037037$



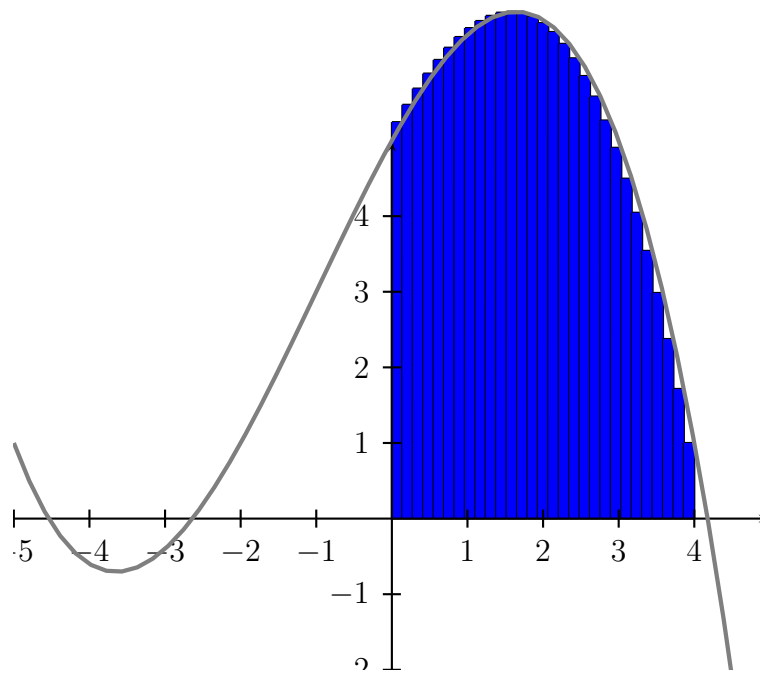
$$\int_0^4 f(x) dx$$

Nbre de découpages : 28 Largeur de l'intervalle $\frac{1}{28} = 0.035714285714285714$



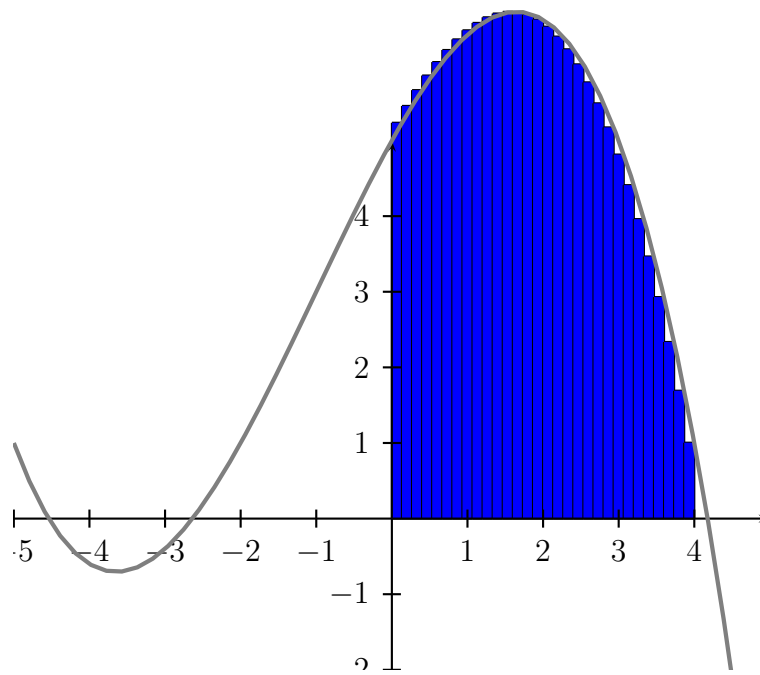
$$\int_0^4 f(x) dx$$

Nbre de découpages : 29 Largeur de l'intervalle $\frac{1}{29} = 0.034482758620689655$



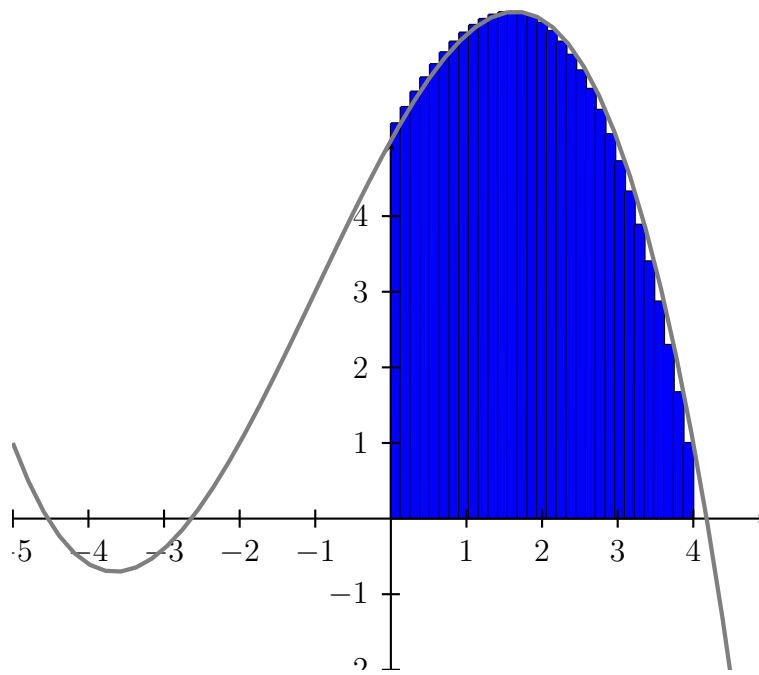
$$\int_0^4 f(x) dx$$

Nbre de découpages : 30 Largeur de l'intervalle $\frac{1}{30} = 0.03333333333333333$



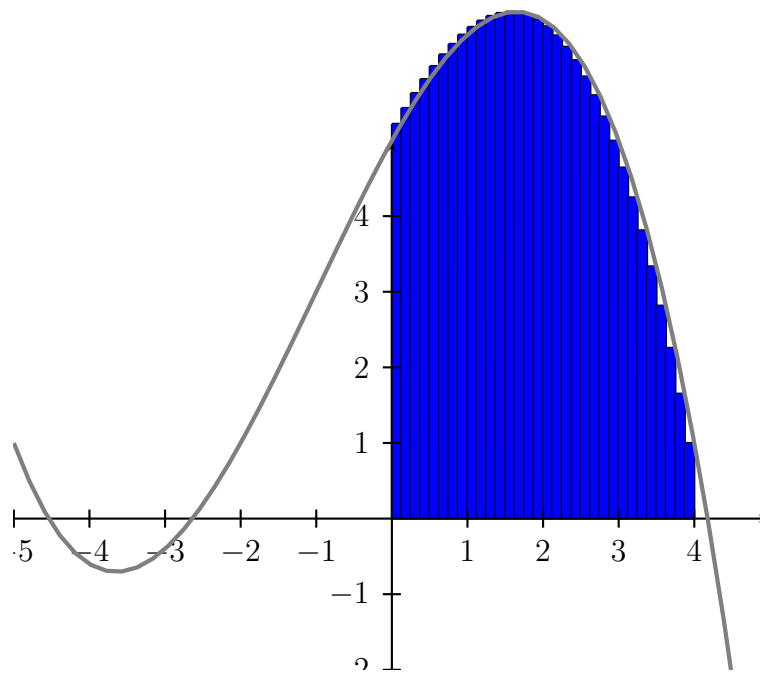
$$\int_0^4 f(x) dx$$

Nbre de découpages : 31 Largeur de l'intervalle $\frac{1}{31} = 0.032258064516129032$



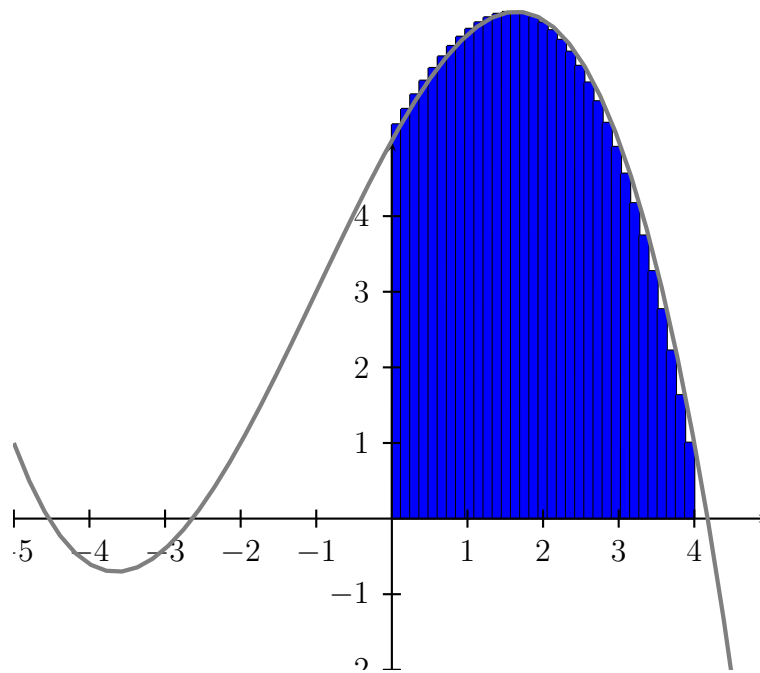
$$\int_0^4 f(x) dx$$

Nbre de découpages : 32 Largeur de l'intervalle $\frac{1}{32} = 0.031250000000000000$



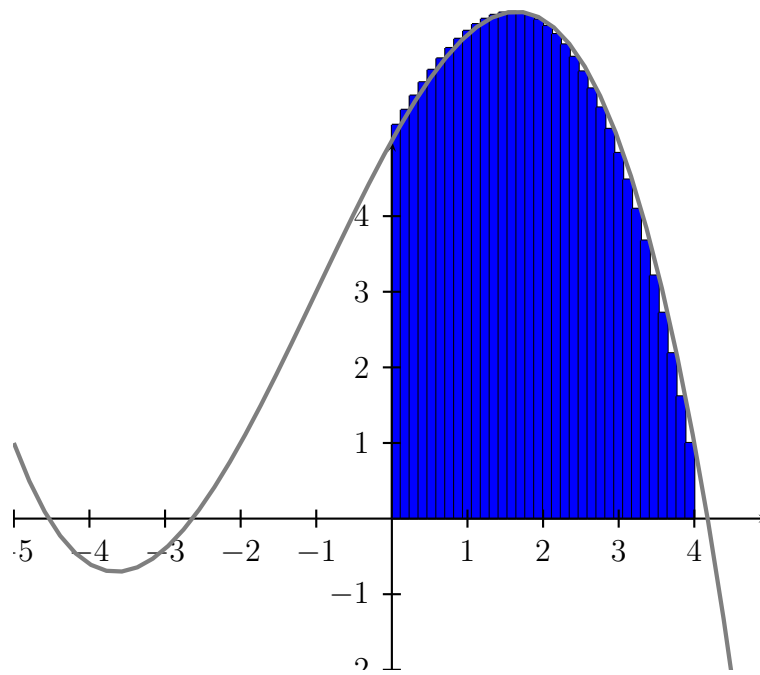
$$\int_0^4 f(x) dx$$

Nbre de découpages : 33 Largeur de l'intervalle $\frac{1}{33} = 0.0303030303030303$



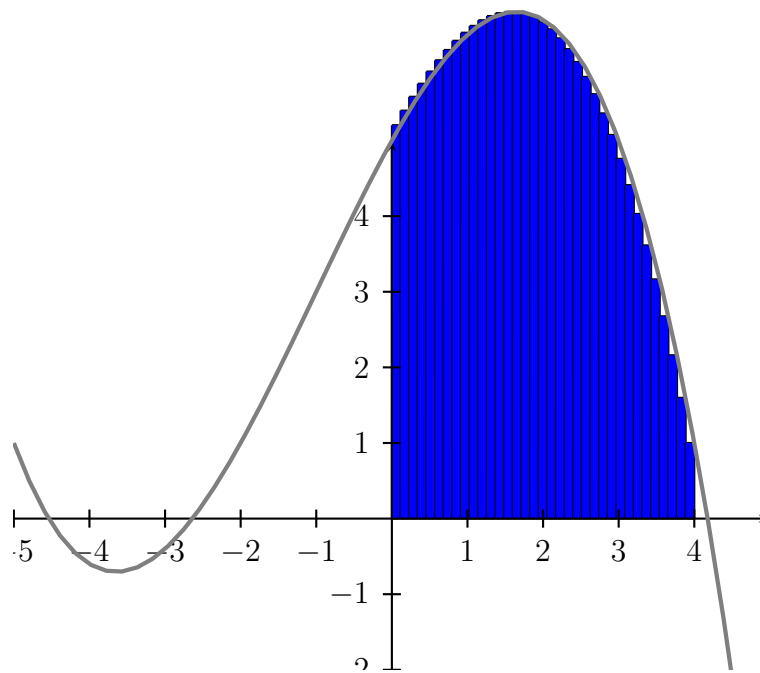
$$\int_0^4 f(x) dx$$

Nbre de découpages : 34 Largeur de l'intervalle $\frac{1}{34} = 0.029411764705882352$



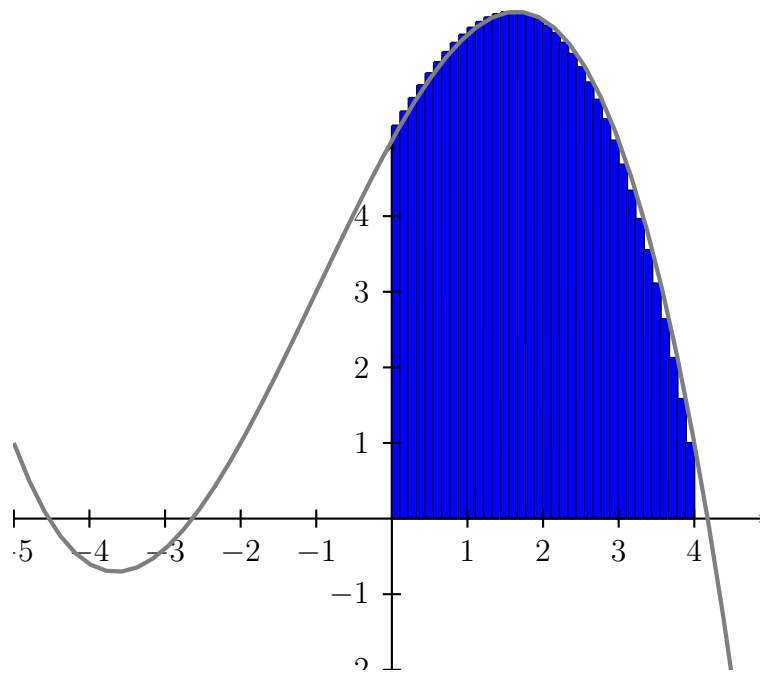
$$\int_0^4 f(x) dx$$

Nbre de découpages : 35 Largeur de l'intervalle $\frac{1}{35} = 0.028571428571428571$



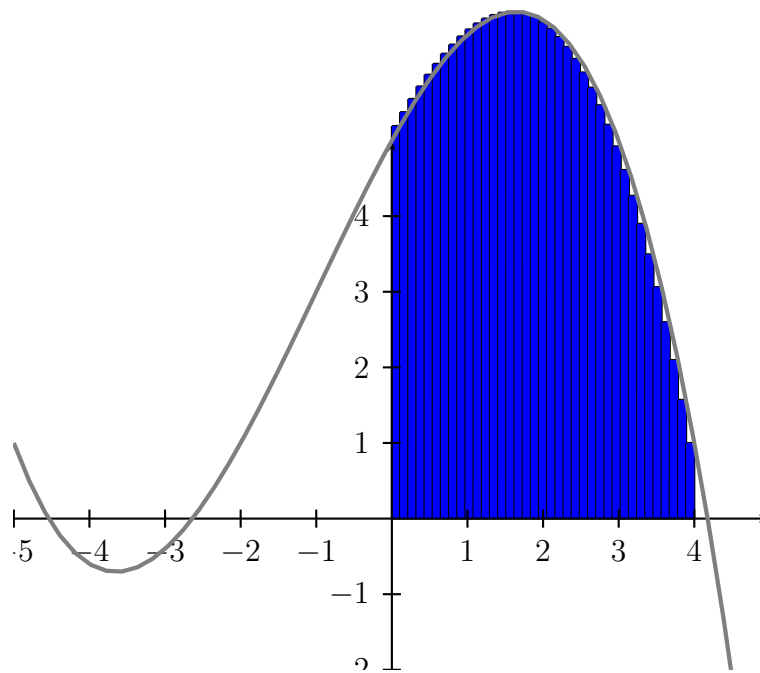
$$\int_0^4 f(x) dx$$

Nbre de découpages : 36 Largeur de l'intervalle $\frac{1}{36} = 0.02777777777777777$



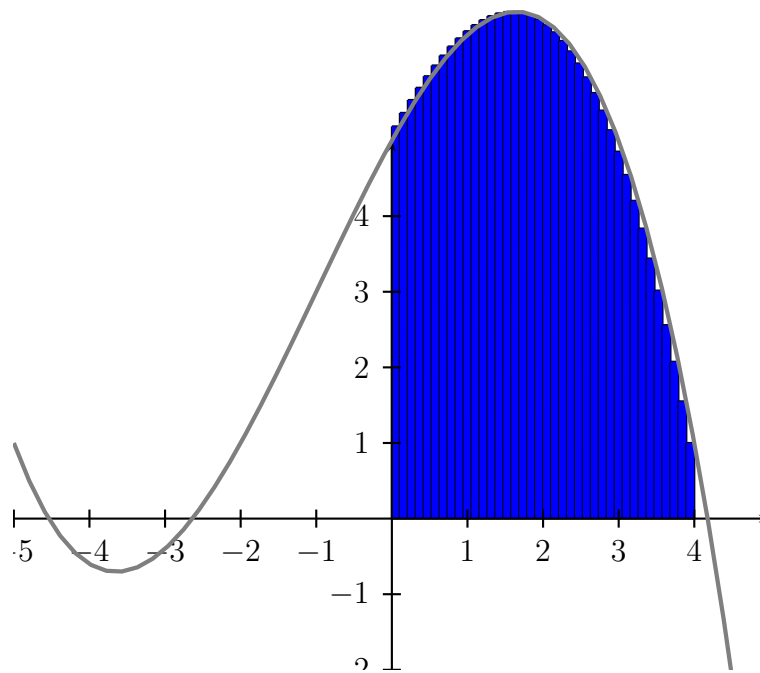
$$\int_0^4 f(x) dx$$

Nbre de découpages : 37 Largeur de l'intervalle $\frac{1}{37} = 0.027027027027027027$



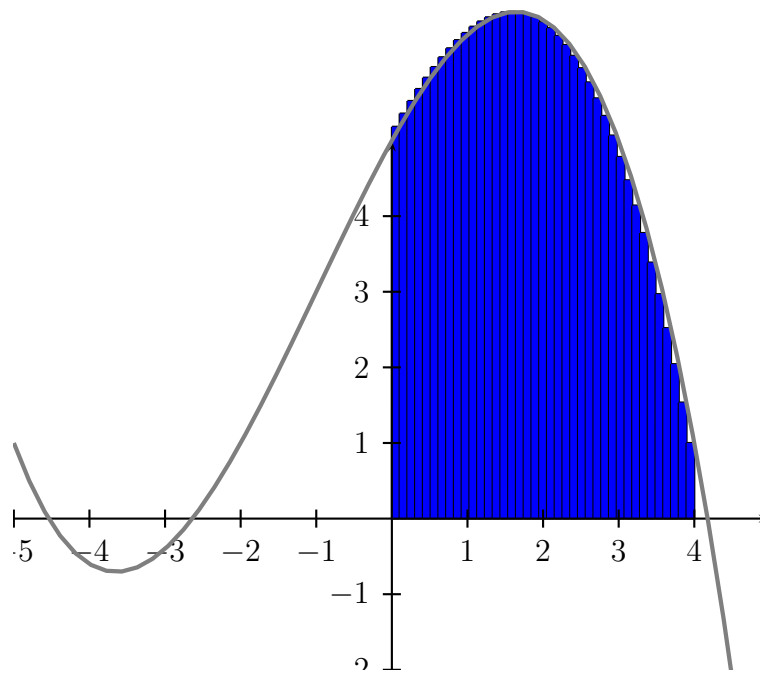
$$\int_0^4 f(x) dx$$

Nbre de découpages : 38 Largeur de l'intervalle $\frac{1}{38} = 0.026315789473684210$



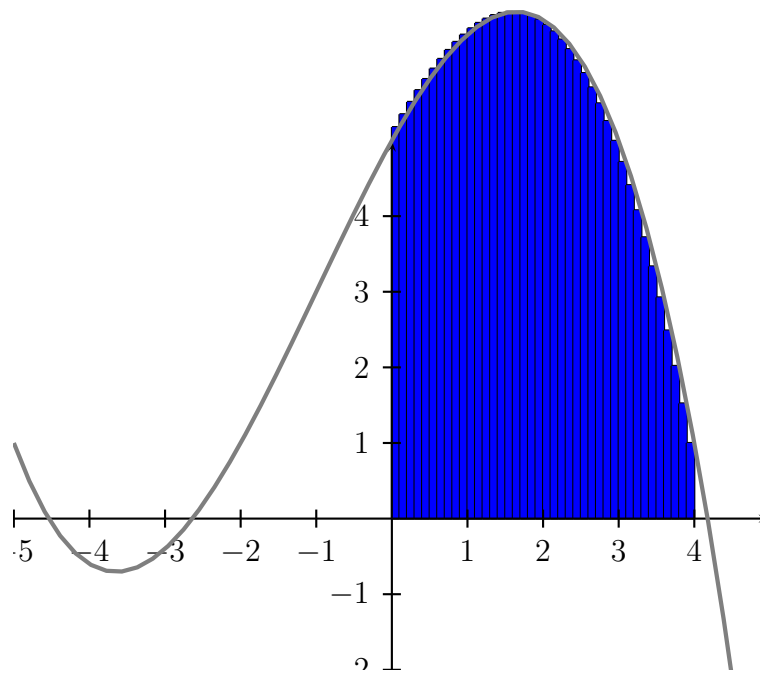
$$\int_0^4 f(x) dx$$

Nbre de découpages : 39 Largeur de l'intervalle $\frac{1}{39} = 0.025641025641025641$



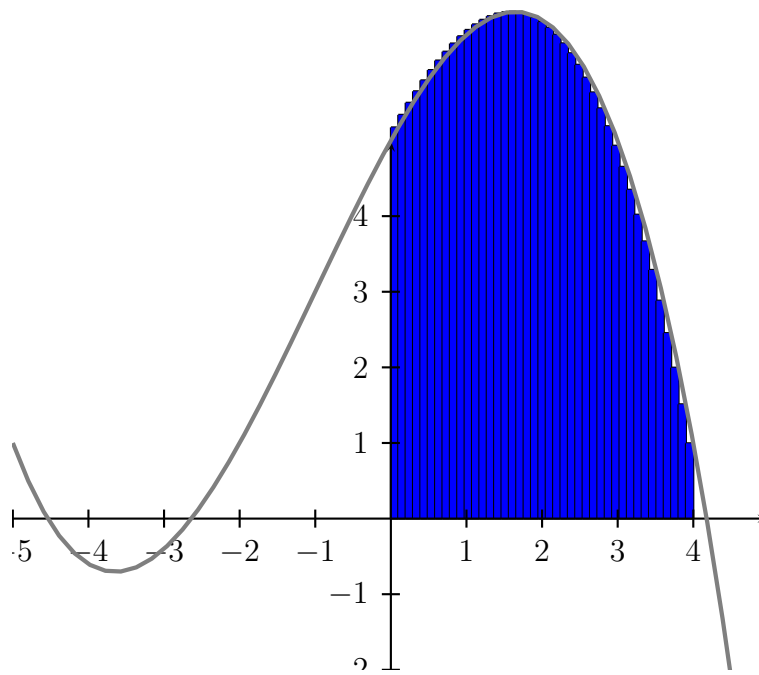
$$\int_0^4 f(x) dx$$

Nbre de découpages : 40 Largeur de l'intervalle $\frac{1}{40} = 0.025000000000000000$



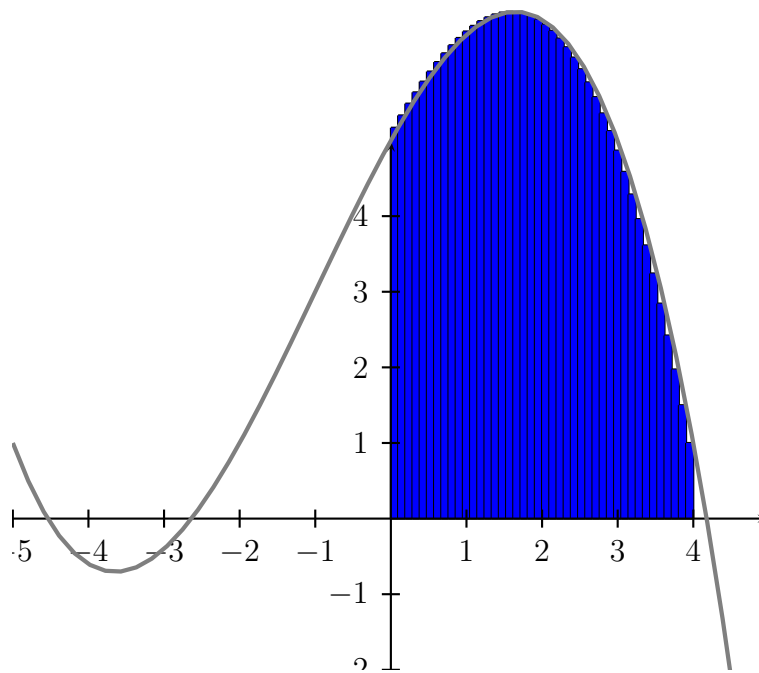
$$\int_0^4 f(x) dx$$

Nbre de découpages : 41 Largeur de l'intervalle $\frac{1}{41} = 0.024390243902439024$



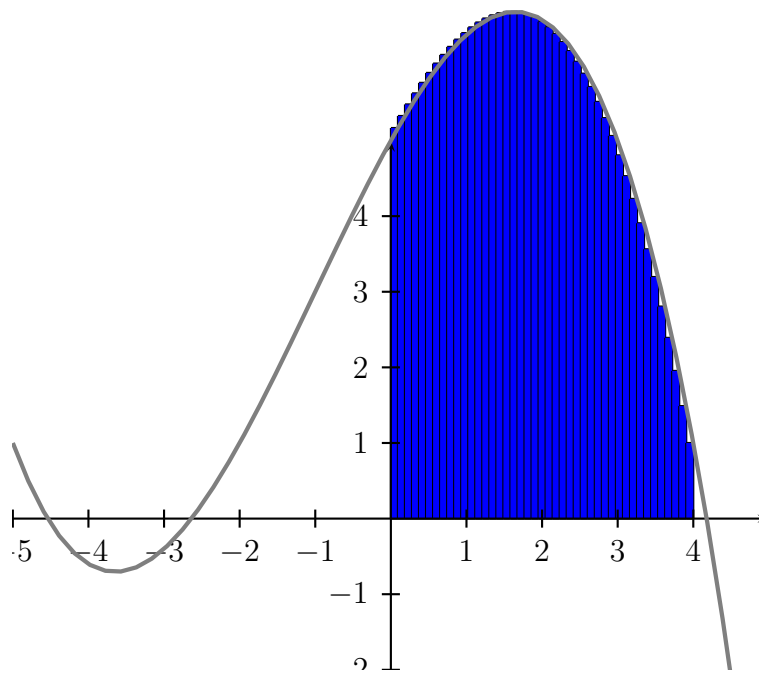
$$\int_0^4 f(x) dx$$

Nbre de découpages : 42 Largeur de l'intervalle $\frac{1}{42} = 0.023809523809523809$



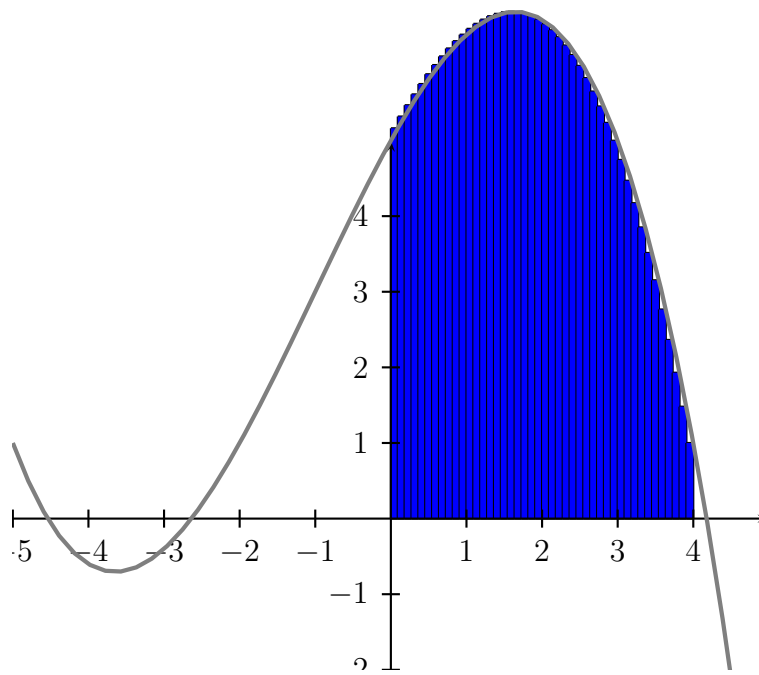
$$\int_0^4 f(x) dx$$

Nbre de découpages : 43 Largeur de l'intervalle $\frac{1}{43} = 0.023255813953488372$



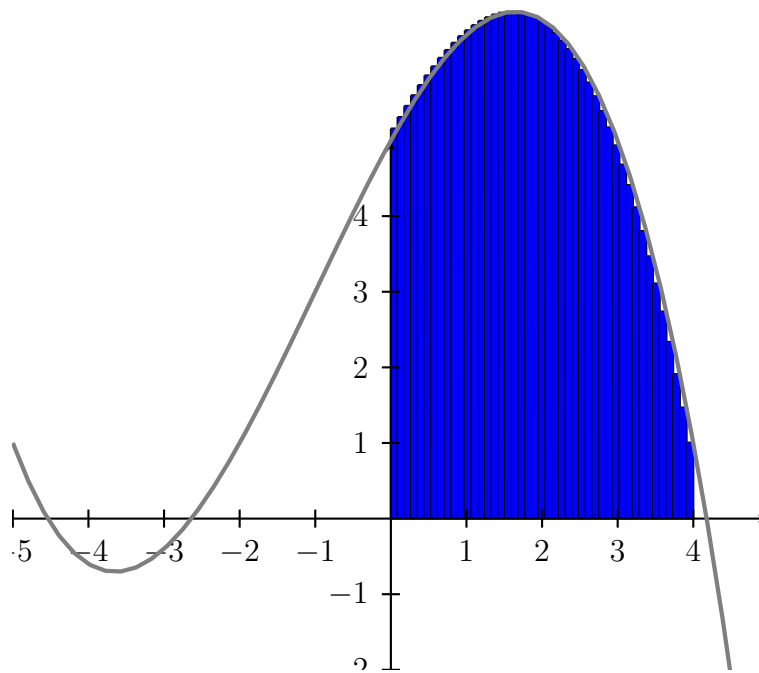
$$\int_0^4 f(x) dx$$

Nbre de découpages : 44 Largeur de l'intervalle $\frac{1}{44} = 0.0227272727272727$



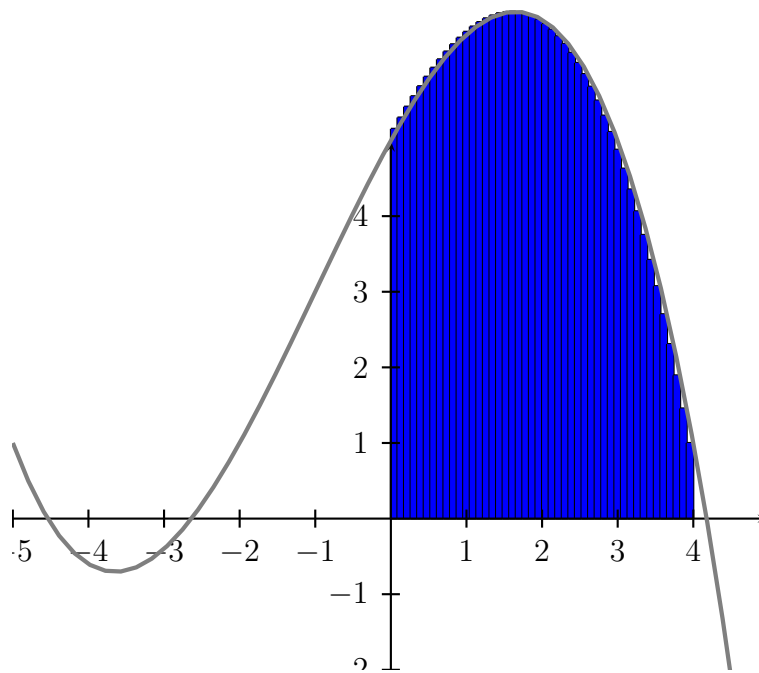
$$\int_0^4 f(x) dx$$

Nbre de découpages : 45 Largeur de l'intervalle $\frac{1}{45} = 0.02222222222222222$



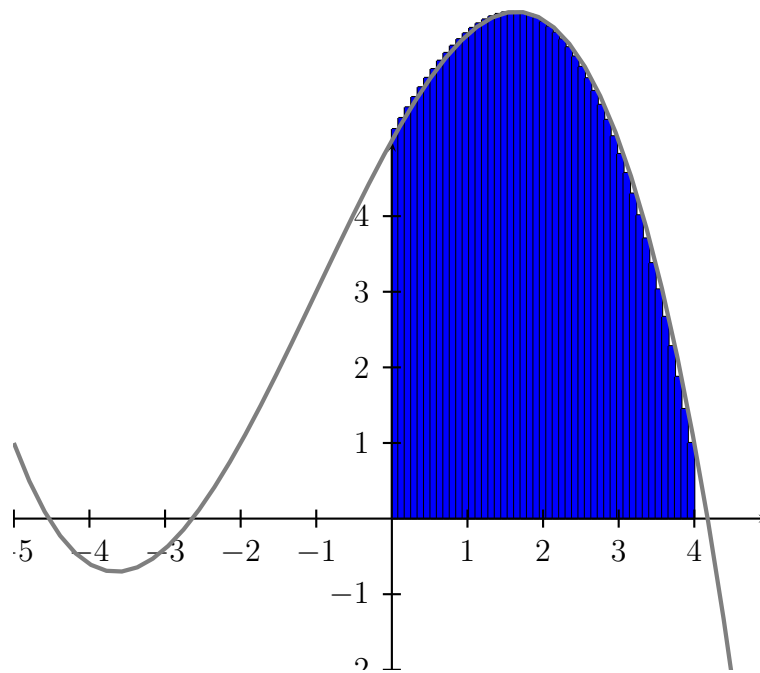
$$\int_0^4 f(x) dx$$

Nbre de découpages : 46 Largeur de l'intervalle $\frac{1}{46} = 0.021739130434782608$



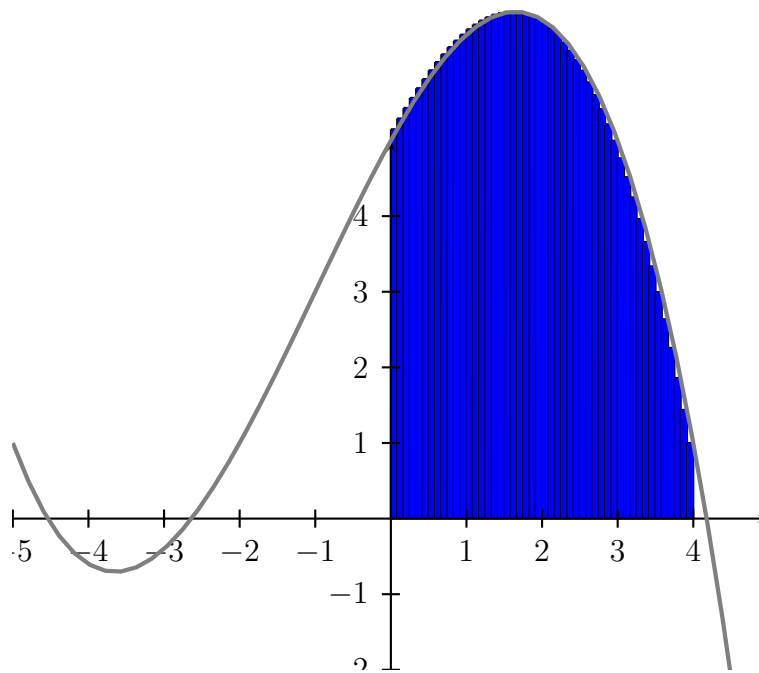
$$\int_0^4 f(x) dx$$

Nbre de découpages : 47 Largeur de l'intervalle $\frac{1}{47} = 0.021276595744680851$



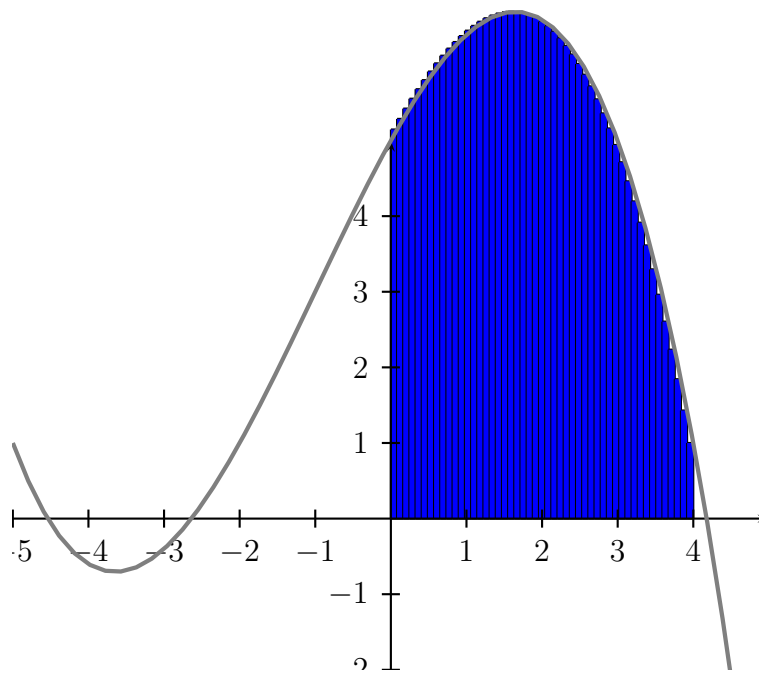
$$\int_0^4 f(x) dx$$

Nbre de découpages : 48 Largeur de l'intervalle $\frac{1}{48} = 0.02083333333333333$



$$\int_0^4 f(x) dx$$

Nbre de découpages : 49 Largeur de l'intervalle $\frac{1}{49} = 0.020408163265306122$



$$\int_0^4 f(x) dx$$

Nbre de découpages : 50 Largeur de l'intervalle $\frac{1}{50} = 0.020000000000000000$

