



Algebra



Tools



Table

f(x) = freehand(x)

$$a = f(-5) + 2 f(-3) + 2 f(-1) + 2 f(1) + 2 f(3) + f(5) = -1.0173333333333$$

$$b = \left(f(-5) + f(5) + 2 \text{Sum} \left(f \left(-5 + \frac{i}{2} \right), i, 1, 19 \right) \right) \frac{1}{4} = -1.259$$

$$c = \left(f(-5) + f(5) + 2 \text{Sum} \left(f \left(-5 + \frac{i}{4} \right), i, 1, 39 \right) \right) \frac{1}{8} = -1.3591428571429$$

$$d = \left(f(-5) + f(5) + 2 \text{Sum} \left(f \left(-5 + \frac{i}{8} \right), i, 1, 79 \right) \right) \frac{1}{16} = -1.3663660714286$$

$$e = \left(f(-5) + f(5) + 2 \text{Sum} \left(f \left(-5 + \frac{i}{16} \right), i, 1, 159 \right) \right) \frac{1}{32} = -1.3614296875$$

Input...

