

$evalf\left(\frac{25 \cdot 121}{4}\right)$	756.2500000	(1)
$\frac{4}{.0121}$	330.5785124	(2)
$.11^2$	0.0121	(3)
$\frac{\%}{2}$	0.006050000000	(4)
$\frac{\frac{121}{10000}}{2}$	$\frac{121}{20000}$	(5)
$\frac{605}{100000}$	$\frac{121}{20000}$	(6)
$\frac{25 \cdot 121}{40000}$	$\frac{121}{1600}$	(7)
$evalf(\%)$	0.07562500000	(8)
$\% \cdot 100$	7.562500000	(9)
$\frac{16 \cdot 8}{10}$	$\frac{64}{5}$	(10)
$evalf(\%)$	12.80000000	(11)
$\frac{128}{16}$	8	(12)
$\frac{128}{160}$	$\frac{4}{5}$	(13)

$$(-3x + 48 - .8x + 12.8) \cdot 9.8 \quad -37.24x + 595.84 \quad (14)$$

$$9.8 \cdot \int_0^{16} (-3.8 \cdot x + 70.8) dx \quad 6334.720000 \quad (15)$$

$$\frac{1}{\text{Pi}} \cdot \int_0^{\text{Pi}} (16 \cdot \sin(x) - 8 \cdot \sin(2 \cdot x)) dx \quad \frac{32}{\pi} \quad (16)$$

$$\text{solve}\left(16 \cdot \sin(x) - 8 \cdot \sin(2 \cdot x) = \frac{32}{\text{Pi}}\right) \quad \text{arctan}\left(\frac{\text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=1)}{-1 + \frac{\pi \text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=1)^3}{2}}\right) + \pi, \quad (17)$$

$$\text{arctan}\left(\frac{\text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=2)}{-1 + \frac{\pi \text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=2)^3}{2}}\right), \text{arctan}\left(\text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=3), -1 + \frac{\pi \text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=3)^3}{2}\right), \text{arctan}\left(\text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=4), -1 + \frac{\pi \text{RootOf}(\pi^2 Z^4 - 4 \pi Z + 4, \text{index}=4)^3}{2}\right)$$

$$\text{evalf}(\%) \quad 2.808120551, 1.238224521, -0.4523762089 + 0.9216419961 I, -0.4523762089 - 0.9216419961 I \quad (18)$$

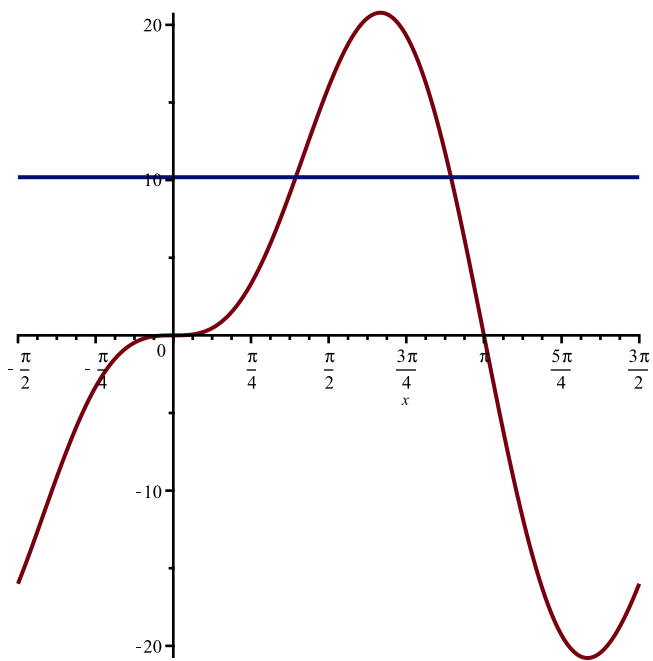
$$f := x \rightarrow 16 \cdot \sin(x) - 8 \cdot \sin(2 \cdot x) \quad f := x \mapsto 16 \cdot \sin(x) - 8 \cdot \sin(2 \cdot x) \quad (19)$$

$$f(2.808120551) \quad 10.18591634 \quad (20)$$

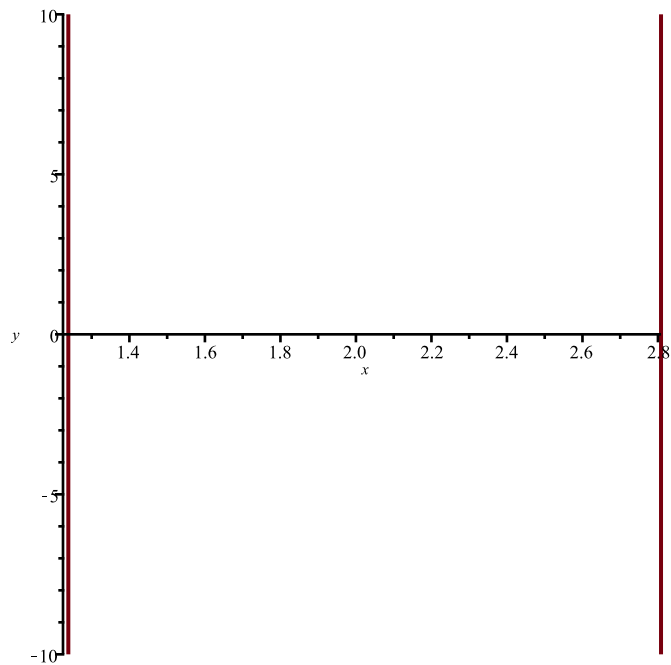
$$\text{evalf}\left(\frac{32}{\text{Pi}}\right) \quad 10.18591636 \quad (21)$$

$$f(1.238224521) \quad 10.18591635 \quad (22)$$

$$\text{with}(plots) : \quad \text{plot1} := \text{plot}\left(\left[f(x), \frac{32}{\text{Pi}}\right], x = -\frac{\text{Pi}}{2} .. \frac{3 \cdot \text{Pi}}{2}\right)$$



```
plot2 := implicitplot([x = 1.238224521, x = 2.808120551], x = -Pi/2 .. 3*Pi/2, y = -10 .. 10)
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display([plot1, plot2])
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