Integral[pi*(2sin(−0.12(x−11.72))+14.38)^ 2,0,62.72]+Integral[pi*(4.5sin(−0.1(x−10.4))+10.8)^

Input :

$$\int_0^{62.72} \pi\,(2\sin(-0.12\,(x-11.72))+14.38)^2\,dx + \int_{62.72}^{95.52} \pi\,(4.5\sin(-0.1\,(x-10.4))+10.8)^2\,dx$$

Result :

$$52\,073.9 + 0.\,i$$

Alternate form :

$$52\,073.9$$

WolframAlpha computational knowledge engine

52073.9 ft^ 3 to ounces then /8

Input interpretation:

$\frac{1}{8}$ (convert 52 073.9 ft^3 (cubic feet) to fluid ounces)

Result:

6.2326×10^6 fl oz (fluid ounces)

Unit conversions:

48 692.5 gallons

Comparisons as volume:

≈ (0.1 ≈ 1/10) × cargo capacity of a Boeing 747 Large Cargo Freighter aircraft (≈ 65000 ft^3)

Interpretations:

volume

Basic unit dimensions:

$[length]^3$

Corresponding quantities:

Radius r of a sphere from $V = 4\pi r^3/3$:

3.5 meters

12 feet

139 inches