In[201]:=
```
(*Kodutöö NR 2
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 179411YAFB*)
MinuPytt[R_, L_, l_, H_] := Module[{Vs, Vk},
  If[H < 0, "Mahutis pole vett", If[H > 2 * R, "Vedeliku kõrgus ületab mahuti diameetri",
    Vs = π * R^2 * L / 2 + R^2 * ArcSin[(H - R) / R] + (H - R) * Sqrt[2 * H * R - H^2];
    If[H ≤ R, d = R - H;
     Vk = NIntegrate[l / R * (r^2 * ArcCos[d / r] - d * Sqrt[r^2 - d^2]), {r, d, R}];
     N[Vs + 2 * Vk], d = H - R;
     Vk = NIntegrate[l / R * (r^2 * ArcCos[d / r] - d * Sqrt[r^2 - d^2]), {r, d, R}];
     N[Vs + 2 * (π * R^2 * l / 3 - Vk)]
    ]]]
 ]

MinuPytt[6, 20, 5, 9]
Plot[MinuPytt[6, 20, 5, h], {h, 0, 12}]
```

Out[202]= 1500.91

Out[203]=