

Nr. 9) a) $[0; 4]$; $[1; 5]$

b) $[0; 4]$; $[-3; 5]$

c) $[-4; 0]$; $[-5; 3]$

d) $[0; 4]$; $[-4; 0]$

Nr. 11) $M(2) = 2m^3 + \frac{1m^3}{h} \cdot 2h \cdot \frac{1}{2} - \frac{1}{2} \frac{m^3}{h} \cdot 2h \cdot \frac{1}{2}$

$M(2) = 2m^3 + 1m^3 - \frac{1}{2}m^3 = \underline{\underline{2\frac{1}{2}m^3}}$

$M(4) = 2m^3 + 2\frac{m^3}{h} \cdot 4h \cdot \frac{1}{2} - 1\frac{m^3}{h} \cdot 4h \cdot \frac{1}{2}$

$M(4) = 2m^3 + 4m^3 - 2m^3 = \underline{\underline{4m^3}}$

$M(6) = 2m^3 + 2\frac{m^3}{h} \cdot 4h \cdot \frac{1}{2} + \underbrace{1,5\frac{m^3}{h} \cdot 2h}_{\text{Trapez}} - 1,5\frac{m^3}{h} \cdot 6 \cdot \frac{1}{2}$

$M(6) = 2m^3 + 4m^3 + 3m^3 - 4,5m^3 = \underline{\underline{4,5m^3}}$

$M(8) = 2m^3 + 2\frac{m^3}{h} \cdot 4h \cdot \frac{1}{2} + 2\frac{m^3}{h} \cdot 4h \cdot \frac{1}{2} - 2\frac{m^3}{h} \cdot 8h \cdot \frac{1}{2}$

$M(8) = 2m^3 + 4m^3 + 4m^3 - 8m^3 = \underline{\underline{2m^3}}$