

$$f(x) = \frac{2x^3 + A}{3x^2} = \frac{2x^3 + 10}{3x^2} \quad (A = 10)$$

$$f(2) = \frac{2 \cdot 2^3 + 10}{3 \cdot 2^2} = \frac{26}{12} = \frac{13}{6} \approx 2,17$$

$$(\sqrt[3]{10} \approx 2,1544)$$

$$f(A(2)) = \frac{2 \cdot \left(\frac{13}{6}\right)^3 + 10}{3 \cdot \left(\frac{13}{6}\right)^2} \approx 2,1545$$

$$|\sqrt[3]{10} - f(A(2))| \approx 0,0001$$