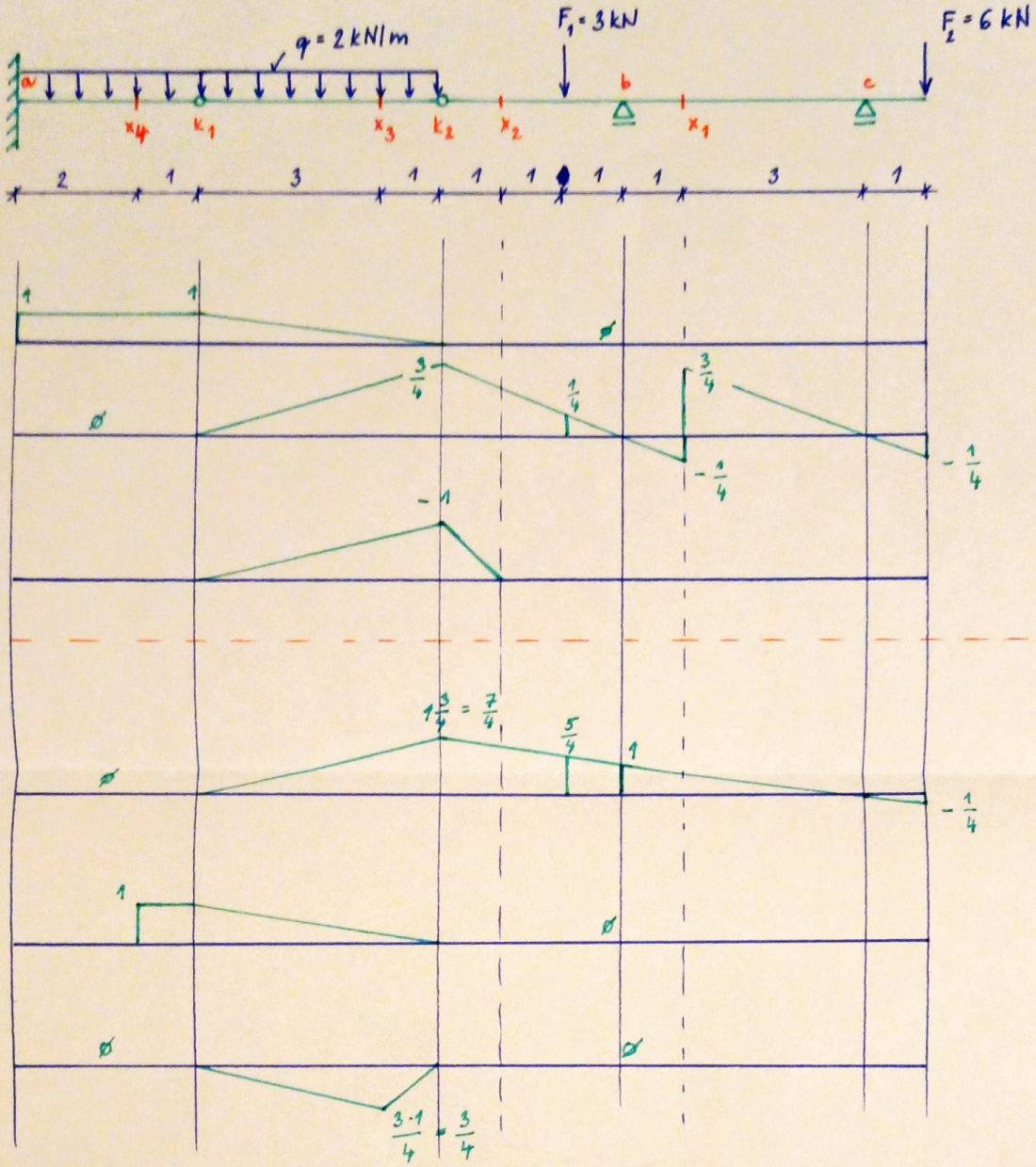

(A) $R_a = 2 \cdot (1 \cdot 3 + \frac{1}{2} \cdot 1 \cdot 4) = 10\ kN$

$V_{x_1} = 2\left(\frac{1}{2} \cdot 4 \cdot \frac{3}{4}\right) + 3 \cdot \frac{1}{4} + 6 \cdot \left(-\frac{1}{4}\right) = 3 + \frac{3}{4} - \frac{6}{4} = \frac{12+3-6}{4} = \frac{9}{4} = 2{,}25\ kN$

$M_{x_2} = 2 \cdot \left(\frac{1}{2}(-1) \cdot 4\right) = -4\ kNm$

(B) $R_b = 2\left(\frac{1}{2} \cdot \frac{7}{4} \cdot 4\right) + 3 \cdot \frac{5}{4} + 6 \cdot \left(-\frac{1}{4}\right) = 7 + \frac{15}{4} - \frac{6}{4} = \frac{28+15-6}{4} = \frac{37}{4} = 9{,}25\ kN$

$V_{x_4} = 2(1 \cdot 1 + \frac{1}{2} \cdot 1 \cdot 4) = $ [redacted] $6\ kN$

$M_{x_3} = 2 \cdot \left(\frac{1}{2} \cdot \frac{3}{4} \cdot 3 + \frac{1}{2} \cdot \frac{3}{4} \cdot 1\right) = 2\left(\frac{9}{8} + \frac{3}{8}\right) = 2 \cdot \frac{12}{8} = 3\ kNm$