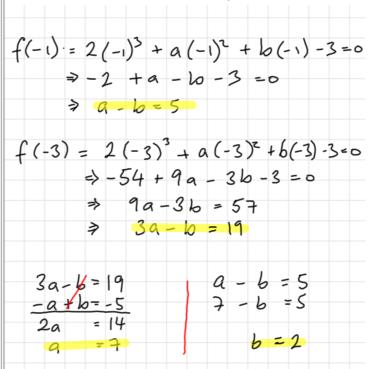
2.9 Factor Theorem.

D
Sub in Roots
to get 2
equations

2) Solve sim. equations **18.** If (x + 1) and (x + 3) are both factors of $2x^3 + ax^2 + bx - 3$, find the values of a and b.

Find the third factor and hence solve the equation $2x^3 + ax^2 + bx - 3 = 0$.



Continued

Sul in a and b

Quadratic factor

Divide

18. If (x + 1) and (x + 3) are both factors of $2x^3 + ax^2 + bx - 3$, find the values of a and b.

Find the third factor and hence solve the equation $2x^3 + ax^2 + bx - 3 = 0$

