Theory Of Equations

Polynomials

Horner's Method Of Synthetic Division

find a and b bo that
$$x-3$$
 and $x-1$ may be factor of
$$f(x) = 2x^4 - 7x^3 + ax + b$$
Sol. $x-3$ is factor of $f(x)$

By Synthetic division

By sythetic division.

lut a = 17 in @ 11+ b-5=0 b=-6. Au



