Homework 1

Multiplicative inverses

For the set S = {0,1,2,3,4,5,6}

What is

a) 3 x 5

b) The multiplicative inverse of 3 ?

Polynomials

For the polynomial $x^3 - 2x^2 - 2x - 3$

Find a positive root

What is the degree of this polynomial ?

Rewrite this in the form

$(x - a). Q(x)$