2170 Lis ekvationen

$$a) \quad x^3 - 4x = 0$$

$$(=)$$
  $X(x^2-4)=0$ 

$$(=) \times (x^2 - 2^2) = 0$$

$$(=) \times (x+2)(x-2) = 0$$

Svar: x=0, x=-2, x=2

b) 
$$x^3 - 8x^2 + 15x = 0$$

$$(=) \times (x^2 - 8x + 15) = 0$$

pg - formely

$$\times = \frac{8}{2} \pm \sqrt{\left(\frac{8}{2}\right)^2 - 1} \nabla$$

c) 
$$4(3-3x)(8-2x^2)=0$$

(=) 
$$4.3(1-x).2(4-x^2)=0$$

(=) 
$$24(1-x)(2^{2}-x^{2})=0$$