

3. Factoriza los siguientes polinomios y calcula su MCD y mcm

a) $P(x) = x^2 + 2x + 1$
 $Q(x) = x^2 - 1$

$P(x) =$		mcm =	
$Q(x) =$		MCD =	

b) $P(x) = x^2 + 5x + 6$
 $Q(x) = x^3 + 7x^2 + 15x + 9$

$P(x) =$		mcm =	
$Q(x) =$		MCD =	

c) $P(x) = x^2 + x - 2$
 $Q(x) = x^3 + 2x^2 - x - 2$
 $R(x) = x^2 + 4x + 4$

$P(x) =$		mcm =	
$Q(x) =$		MCD =	
$R(x) =$			

Arrastra cada solución al cuadro correspondiente:

(x - 1)(x + 1)(x + 2)^2	(x - 1)(x + 1)^2
(x + 2)^2	(x + 2)(x + 3)
(x - 1)(x + 2)	x + 3
(x + 1)(x - 1)	(x + 1)(x + 2)(x + 3)^2
x + 2	(x + 1)^2
(x - 1)(x + 1)(x + 2)	x + 1
(x + 1)(x + 3)^2	