

Dividing Polynomials - Box Method

Divide the following by box method.

1) $\frac{x^4 + 7x^3 + 15x^2 + 13x + 4}{x^2 + 2x + 1} =$

x^2			
$2x$			
1			

2) $\frac{3m^4 - 5m^3 - 15m^2 - 9m - 10}{m^2 - 2m - 5} =$

m^2			
$-2m$			

3) $\frac{6v^4 - 7v^3 + 19v^2 - 10v + 16}{3v^2 - 2v + 4} =$

$3v^2$		
$-2v$		
4		

$\frac{16}{3} =$

5) $\frac{8k^4 + 2k^3 + 10k^2 - 19k - 2}{4k^2 - 3k - 2} =$

$4k^2$			
$-3k$			
-2			

$\frac{1p - 8}{3} =$

p^2			
$5p$			
-8			

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