

Dividing Polynomials - Box Method

Divide the following by box method.

1) $\frac{2g^4 - 18g^2 + 32g - 96}{2g^2 - 2g + 8} =$

$2g^2$			
$-2g$			
8			

2) $\frac{s^4 + 3s^3 + s^2 + 20s + 30}{s^2 + 5s + 5} =$

s^2			
$5s$			

3) $\frac{b^4 - 4b^3 - 5b^2 - 6b - 1}{b^2 - 5b - 1} =$

b^2		
$-5b$		
-1		

4) $\frac{24h + 12}{3} =$

5) $\frac{4t^4 + 14t^3 + 32t^2 + 37t + 10}{2t^2 + 4t + 3} =$

$2t^2$			
$4t$			
3			

6) $\frac{y^2 + 7y - 10}{5} =$

y^2			
$-4y$			
-5			

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