The Embedded Experts



$f(x) = a x^{4} + 6 x^{3} + c x^{2} + d x + k$	f(0) = -6
$f'(x) = 4 a x^3 + 3 b x^2 + 2 c x + d$	f'(0)=-5
$f''(x) = 12 ax^2 + 66 x + 2c$	f'(2) = -17
	f'(1)= 4
$1.f(0) = -6$, denn $a \cdot 0^4 + 6 \cdot 0^3 + c \cdot 0^2 + d \cdot 0 + k = -6$	f"(-1)=-2
$2.f'(0) = -5$, denn $4a \cdot 0^3 + 36 \cdot 0^2 + 2c \cdot 0 + d = -5$	
$3.f'(-2) = -17$, denn 4 a · $(-2)^3 + 3 \cdot 6 \cdot (-2)^3 + 2 \cdot (-2) - 5 =$	= -17
4.f'(1)=4, denn 4a.13+36.12+2c.1-5=4	
$5 \cdot f'(-1) = -2$, denn $12a \cdot (-1)^2 + 6b \cdot (-1) + 2c = -2$	
II-32a+126-4c-5=-17 +5	
II 4a+36+2c-5=4 1+5	
I12a-66+2c=-2	
III-32a+126-4c=-12 :(-2)	
$II \lor 4 \land 4 \land 6 + 2 \lor c = 9$	
V12q-66+2c=-2	
16-62 6 (-(-1) - II-4a=-8 (-4)	
4 3 2 9 + q=2	
$12 -6 \ 2 -2 \leftarrow I - 12 \cdot 2 + 96 = 3 \ + 2 \ $,
	1
-400 - 8	
$-16 \ 6 \ -2 \ -6$ $-2 \ c = 8$	3 (:(-2)
-12 9 0 3 C=-	- 4