Adevărat sau fals?

1.$(f+g)' = f' + g'$

2. $(cf)' = cf'$, c$\in R$

3. $(f-g)' = f' + g'$

4.f(x)=$x^{45} + x^{210}$, f:R$\rightarrow R$

a)f'(x)=45x^{44}+210x^{209}

b) f'(x)=x^{44}+x^{209}

c) f'(x)=45x+210x

5.f(x)=$x^{28} + x^{20} + 81$, f:R$\rightarrow R$

a) f'(x)=28x+20x+81

b) f'(x)=28x+20x

c) f'(x)=28x^{27}+20x^{19}