

Adevărat sau fals?

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

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

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

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

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

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

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

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

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

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

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