
Name:

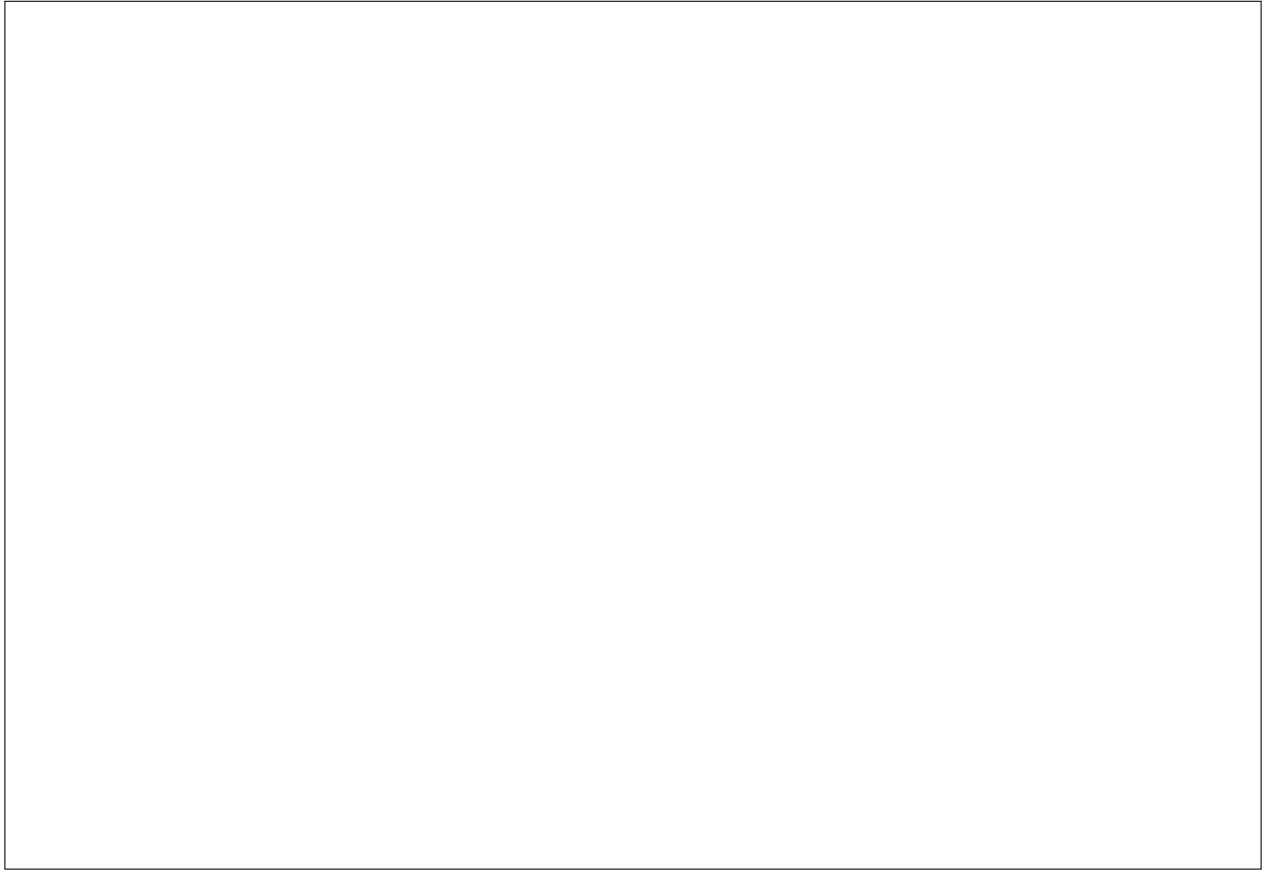
2026-05-12

Choose one question from each “letter”: **T, C, P, O**
Do *not* write your name in any other page besides this one.

- (10) **T1.** Define [REDACTED]
- (12) **T2.** Define [REDACTED]
- (12) **T3.** Show [REDACTED]
- (12) **T4.** Show [REDACTED]
- (12) **C1.** [REDACTED]
- (12) **C2.** Show that in [REDACTED] is a coproduct (sum) [REDACTED]
- (12) **C3.** Show that in any category, [REDACTED]
- (12) **C4.** Prove/refute: in [REDACTED] iff [REDACTED]
- (12) **P1.** The [REDACTED]: prove [REDACTED]
- (12) **P2.** In our home-made language of proofs, write a proof of **one** of the following:
[REDACTED]
[REDACTED]
- (12) **O1.** In any lattice, we have: [REDACTED]
- (14) **O2.** Any lattice [REDACTED]
- (12) **O3.** Let L be a lattice and [REDACTED] Prove: [REDACTED] \iff [REDACTED]
- (12) **O4.** Let L be a lattice and [REDACTED] [REDACTED] iff [REDACTED]

Só isso mesmo.

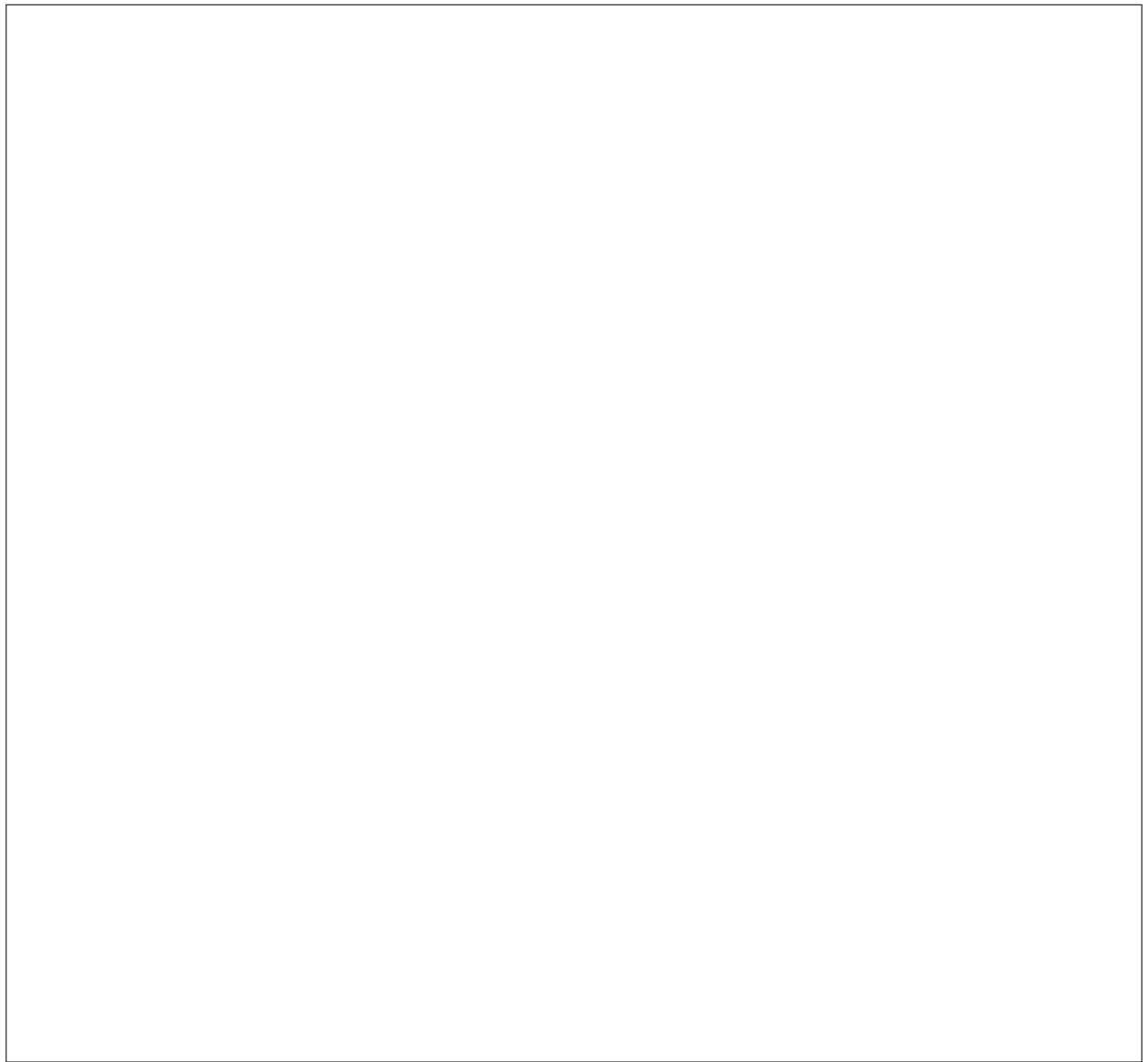
ANSWER TO ____ .



ANSWER TO ____ .



ANSWER TO ____ .



ANSWER TO ____ .

