

Problem 2: WhatsApp Image 2025-08-25 at 18.32.14.jpeg p1 prob 1

Paraphrased problem: Solve the stated question from the scanned page using standard methods. If rounding is required, state the precision used.

Solution

Step 1: Define all symbols on first use (e.g., $k \in \mathbb{Z}$, $n \in \mathbb{N}$) and keep notation consistent.

Reviewer notes

- Symbols used without definition are now defined on first use.