

Uzasadnij, że jeśli $(a^2 + b^2)(c^2 + d^2) = (ac + bd)^2$, to $ad = bc$.

This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form a uniform pattern of small squares across the entire surface. There are no margins, text, or other markings present.

Oblicz, ile jest liczb naturalnych czterocyfrowych, w których zapisie pierwsza cyfra jest parzysta, a pozostałe nieparzyste.

A full-page view of a blank sheet of graph paper. The grid consists of thin, light gray horizontal and vertical lines forming small squares across the entire page. There are no margins, text, or other markings on the paper.

Odpowiedź: