

IMIĘ I NAZWISKO

SZK.PODST. NR W

XVIII NUDNA MATEMATYKA

KLASA VI SZKOŁY PODSTAWOWEJ – FINAŁ

ZADANIE 1

Znajdź wszystkie liczby naturalne mniejsze od 200, które przy dzieleniu przez 7 dają taką samą resztę jak przy dzieleniu przez 13.

ZADANIE 2

W każdym prostokącie ma być taka sama cyfra i w każdym trójkątku taka sama cyfra. Wpisz odpowiednie cyfry tak, aby uzyskać poprawne dodawanie:

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ZADANIE 3

Z poniższych siatek budujemy kostki. Ile **różnych** kostek otrzymamy? Z których siatek można utworzyć takie same kostki?

The image shows ten nets of a cube, labeled 1 through 10. Each net consists of six squares arranged in a cross-like pattern. The squares are decorated with different patterns: solid black, solid white, diagonal lines (top-left to bottom-right), and a circle with a plus sign. The patterns are distributed as follows:
- Net 1: Top square (black), middle row (white, black, white), right square (diagonal), bottom square (black), bottom-right square (diagonal), bottom-most square (white).
- Net 2: Top square (white), middle row (diagonal, black, white), right square (circle with plus), bottom square (black), bottom-right square (diagonal), bottom-most square (white).
- Net 3: Top square (black), middle row (white, black, white), right square (diagonal), bottom square (circle with plus), bottom-right square (diagonal), bottom-most square (white).
- Net 4: Top square (circle with plus), middle row (diagonal, black, white), right square (black), bottom square (diagonal), bottom-right square (white), bottom-most square (black).
- Net 5: Top square (black), middle row (white, black, white), right square (circle with plus), bottom square (diagonal), bottom-right square (black), bottom-most square (white).
- Net 6: Top square (diagonal), middle row (circle with plus, black, white), right square (black), bottom square (diagonal), bottom-right square (white), bottom-most square (black).
- Net 7: Top square (circle with plus), middle row (black, white, diagonal, black), right square (diagonal), bottom square (white), bottom-right square (black), bottom-most square (white).
- Net 8: Top square (black), middle row (black, white, circle with plus), right square (diagonal), bottom square (black), bottom-right square (white), bottom-most square (black).
- Net 9: Top square (black), middle row (white, circle with plus, diagonal, black), right square (black), bottom square (diagonal), bottom-right square (white), bottom-most square (black).
- Net 10: Top square (black), middle row (black, white, circle with plus, black), right square (diagonal), bottom square (white), bottom-right square (black), bottom-most square (white).