

<https://wanminliu.github.io/>

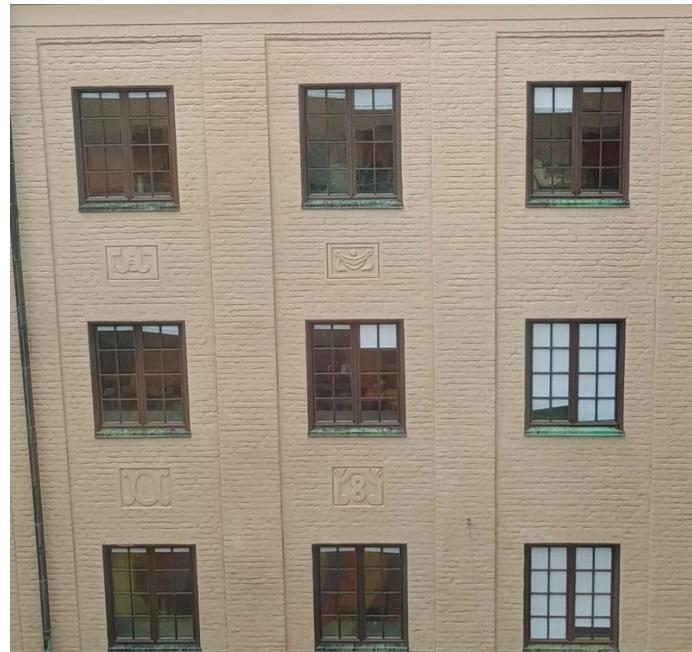
W A N M I N L I U

Just a weblog

November 24, 2025

Vad är summan av de första n positiva udda talen? II

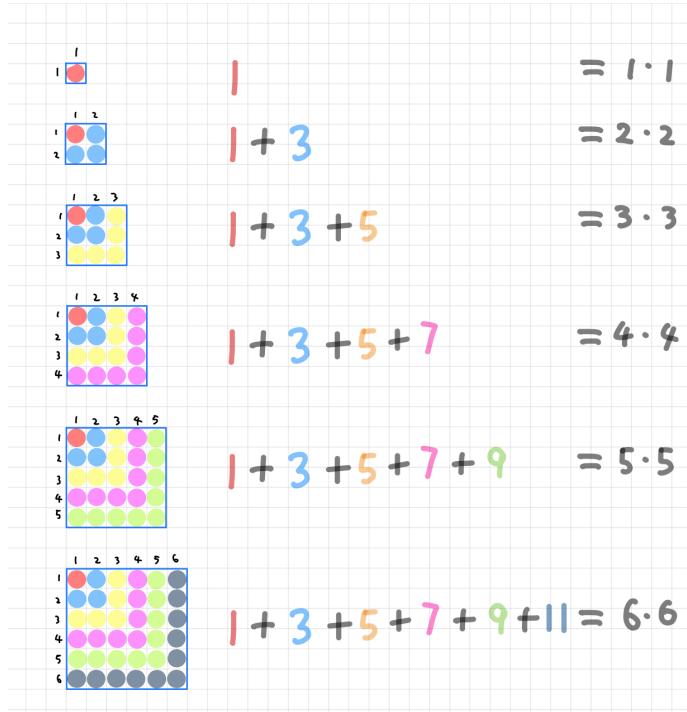
Adidaktisk situation







Didaktisk situation



$$1 + 3 = 2 \cdot 2$$

$$1 + 3 + 5 = 3 \cdot 3$$

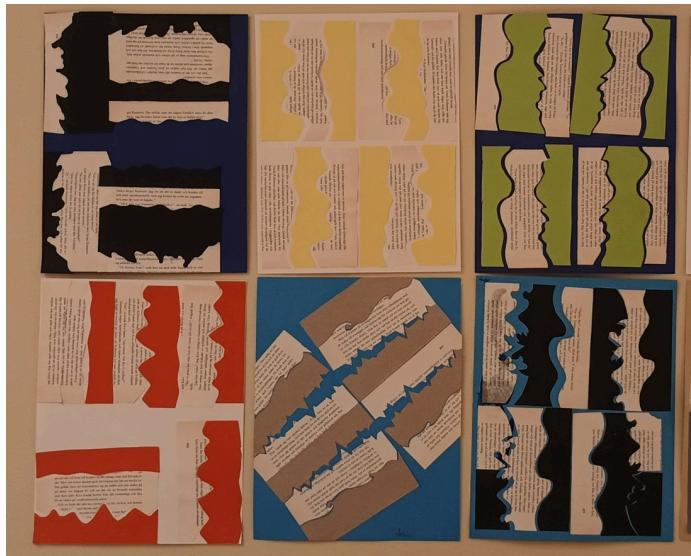
$$1 + 3 + 5 + 7 = 4 \cdot 4$$

$$1 + 3 + 5 + 7 + 9 = 5 \cdot 5$$

$$1 + 3 + 5 + 7 + 9 + 11 = 6 \cdot 6$$

$$1 + 3 + 5 + \cdots + (2n - 3) + (2n - 1) = n \cdot n$$

Adidaktisk situation

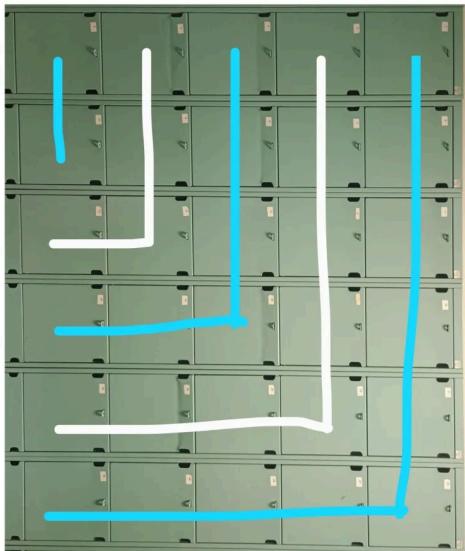






Didaktisk situation





$$2 + 4 = 2 \cdot 3.$$

$$2 + 4 + 6 = 3 \cdot 4.$$

$$2 + 4 + 6 + 8 = 4 \cdot 5.$$

$$2 + 4 + 6 + 8 + 10 = 5 \cdot 6.$$

$$2 + 4 + 6 + 8 + 10 + 12 = 6 \cdot 7.$$

$$2 + 4 + 6 + \cdots + (2n - 2) + 2n = n \cdot (n + 1).$$

Teaching



Posted by:
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