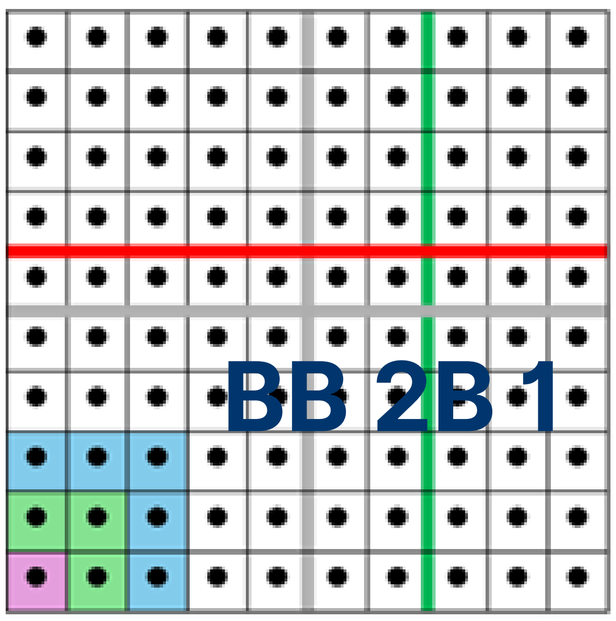
STEM PD

www.stempd.net

ICSE Science Factory

International Centre for STEM Education

https://icse.eu/international-projects/icse-factory/



Bundle-Bundle-Math with units on a Bundle-Bundle-Board

- II II • Kids say “not 4, but 2 2s”
- II II I • Five = 2B 1 = 1BB 0B 1 2s

Ten = 2BB 0B 2 = 1BBB 0BB 1B 0 2s

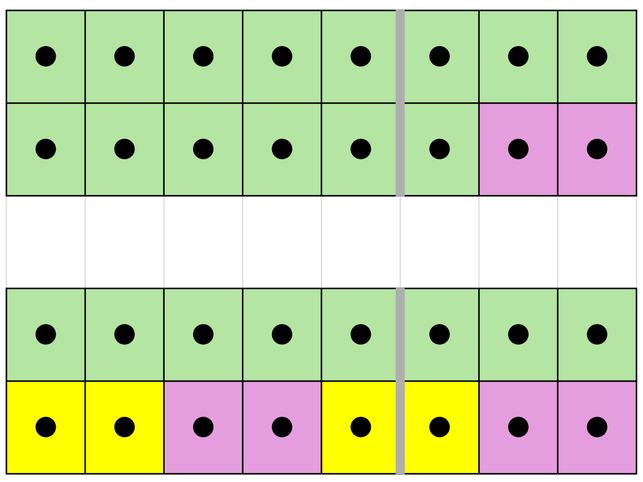
T = 6*7 = 6*(½B 2) = 3B 12 = 42

T = 6*7 = (B - 4) BBM FOIL

*(B - 3) Down & Cross

= BB-3B-4B - - 12 (notice - - is +)

= (10-3-4)B + 12 = 3B 12 = 4B 2 = 42



MATHeCADEMY.net • dk

MrAITarp • youtube

allantarp • linkedin

- ReUnite formula: T = (T–B) + B

x + 3 = 5. But, 5 = (5-3) + 3, so x = 5-3 = 2

x - 3 = 5. But, x = (x-3) + 3 = 5 + 3 = 8

5 - x = 3. But, 5 = (5-x) + x = 3 + x, so, x + 3 = 5

- ReCount formula: (change units) T = (T/B) x B

x * 3 = 12. But 12 = (12/3) * 3, so x = 12/3 = 4

x/3 = 5. But x = (x/3) * 3 = 5 * 3 = 15

12/x = 3. But 12 = (12/x) * x = 3 * x, so x*3 = 12

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HACETTEPE UNIVERSITY

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