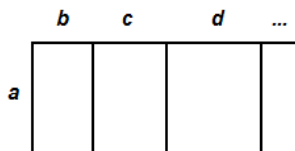
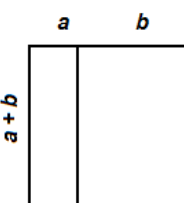
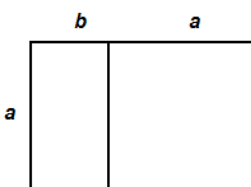


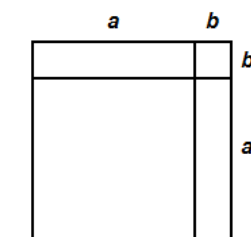
Az *Elemek* II. könyvének „algebrai” tartalma

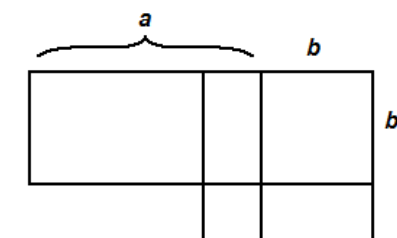
Tétel	Kifejezett algebrai azonosság	Geometriai reprezentáció
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II.1.	$a(b + c + d + \dots) = ab + ac + ad + \dots$	
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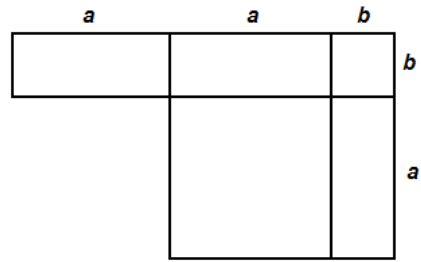
II.2.	$(a + b)a + (a + b)b = (a + b)^2$	
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II.3.	$(a + b)a = ab + a^2$	
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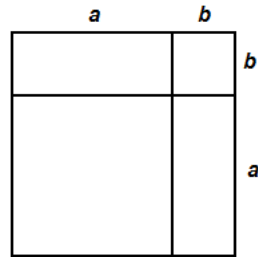
II.4.	$(a + b)^2 = a^2 + b^2 + 2ab$	
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II.5.	$ab + [\frac{1}{2}(a + b) - b]^2 = [\frac{1}{2}(a + b)]^2$	
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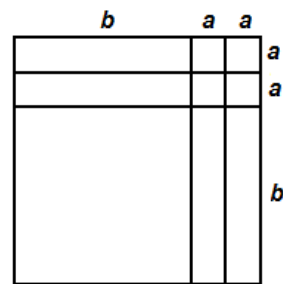
II.6. $(2a + b)b + a^2 = (a + b)^2$



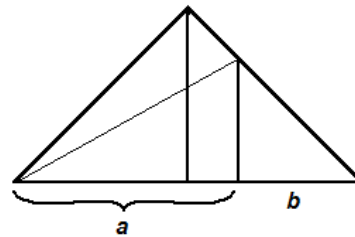
II.7. $(a + b)^2 + a^2 = 2(a + b)a + b^2$



II.8. $4(a + b)a + b^2 = [(a + b) + a]^2$



II.9. $a^2 + b^2 = 2\{[\frac{1}{2}(a + b)]^2 + [\frac{1}{2}(a + b) - b]^2\}$



II.10. $(2a + b)^2 + b^2 = 2[a^2 + (a + b)^2]$

