

Übungsaufgaben zum Thema: Binomische Formeln

Nr.	Löse die Klammern auf	OK
1	$(x + y)^2 =$	
2	$(a - b)^2 =$	
3	$(n + m)(n - m) =$	
4	$(3x + y)^2 =$	
5	$(a^2 - 5b)^2 =$	
6	$(4c^2 + 5t^2)(4c^2 - 5t^2) =$	
7	$(a^2b - ab^2)^2 =$	
8	$(g^3 + 7h)^2 =$	
Fülle die Lücken aus:		
9	$(\underline{\hspace{2cm}} + 5y)^2 = 4x^2 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$	
10	$(2a^2 - \underline{\hspace{2cm}})^2 = \underline{\hspace{2cm}} - 8a^2b^2 + \underline{\hspace{2cm}}$	
11	$(\underline{\hspace{2cm}} + \underline{\hspace{2cm}})^2 = \underline{\hspace{2cm}} + 6xy + 9y^2$	
12	$(\underline{\hspace{2cm}} + 5b^2)(\underline{\hspace{2cm}} - \underline{\hspace{2cm}}) = 16a^4 - \underline{\hspace{2cm}}$	
13	$(5x^3 - \underline{\hspace{2cm}})^2 = \underline{\hspace{2cm}} - 20x^3y^3 + \underline{\hspace{2cm}}$	
14	$(\underline{\hspace{2cm}} + \underline{\hspace{2cm}})^2 = \underline{\hspace{2cm}} + 10xy + 25y^2$	