

	Navn:		Skole:	
	Klasse: 20		Dato: 5. december 2022	Fag: Matematik A

Opgave 003

Handwritten work on a grey background showing the derivation of the difference of squares formula. At the top, '003' is written. Below it, the expression $(a-b) \cdot (a+b)$ is written with curved lines underneath each factor. The next line shows the expansion: $a^2 + ab - ba - b^2$. The following line shows the simplification by canceling the middle terms: $a^2 - b^2 + \cancel{ab} - \cancel{ab}$. The final line shows the result: $a^2 - b^2$.