(10+3) ²	= = = =	10.10 + 10.3 + 3.10 + 3.3 10.10 + 2.10.3 + 3.3 100 + 2.30 + 9 100 + 60 + 9 $\underline{169}$	$(a+3)^2$	= = =	$a \cdot a + a \cdot 3 + 3 \cdot a + 3 \cdot 3$ $a \cdot a + 2 \cdot a \cdot 3 + 3 \cdot 3$ $a^{2} + 2 \cdot 3a + 9$ $\underline{a^{2} + 6a + 9}$
$(10 - 3)^2$	= = =	10.10 - 10.3 - 3.10 + 3.3 10.10 - 2.10.3 + 3.3 100 - 2.30 + 9 100 - 60 + 9 $\underline{49}$	$(a-3)^2$	= = =	$a \cdot a - a \cdot 3 - 3 \cdot a + 3 \cdot 3$ $a \cdot a - 2 \cdot a \cdot 3 + 3 \cdot 3$ $a^2 - 2 \cdot 3a + 9$ $\underline{a^2 - 6a + 9}$

$\left(40+3\right)^2$	=	$40 \cdot 40 + 40 \cdot 3 + 3 \cdot 40 + 3 \cdot 3$
	=	$40 \cdot 40 + 2 \cdot 40 \cdot 3 + 3 \cdot 3$
	=	1600 + 2.120 +9
	=	1600 + 240 + 9
	=	<u>1849</u>
2		
$(40-3)^{2}$	=	$40 \cdot 40 - 40 \cdot 3 - 3 \cdot 40 + 3 \cdot 3$
	=	$40 \cdot 40 - 2 \cdot 40 \cdot 3 + 3 \cdot 3$
	=	1600 - 2.120 +9
	=	1600 - 240 + 9
	=	<u>1369</u>

$(5a+3)^2$	=	5a·5a + 5a·3 + 3·5a + 3·3
	=	5a·5a + 2·5a·3 +3·3
	=	25a ² + 2·15a +9
	=	$\frac{25a^2}{4} + 30a + 9$
$(5a-3)^2$	=	5a·5a – 5a·3 – 3·5a + 3·3
	=	5a·5a – 2·5a·3 +3·3
	=	25a ² – 2·15a +9
	=	$\frac{25a^2}{30a} + 9$