Math worksheet on *'Algebraic Functions - Bracketed Terms, Squared (Level 4)'*. Part of a broader unit on *'Polynomials and Quadratics - Advanced'*

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1 Which answer is the same expression as this

$$(2x-7)^2$$

a	$49x^2+28x-49$	**b**	$49x^2-28x+28$
c	$28x^2-28x-49$	**d**	$28x^2-28x+4$
e	$28x^2-28x+49$	**f**	$49x^2-28x-49$

2 Which answer is the same expression as this

$$(4y-5)^2$$

a	$40y^2-40y+25$	**b**	$25y^2-40y-25$
c	$25y^2+40y-25$	**d**	$40y^2-40y+16$
e	$25y^2-40y+40$	**f**	$40y^2-40y-25$

3 Which answer is the same expression as this $(7n-8)^2$

a	$64n^2-112n+112$	**b**	$64n^2+112n-64$
c	$112n^2-112n+49$	**d**	$112n^2-112n+64$
e	$64n^2-112n-64$	**f**	$112n^2-112n-64$

4 Which answer is the same expression as this

$$(6r-3)^2$$

a	$9r^2+36r-9$	**b**	$36r^2-36r+9$
c	$36r^2-36r+36$	**d**	$9r^2-36r-9$
e	$36r^2-36r-9$	**f**	$9r^2-36r+36$

5 Which answer is the same expression as this

$$(3x-3)^2$$

a	$9x^2-18x+18$	**b**	$18x^2-18x+9$
c	$18x^2-18x-9$	**d**	$18x^2+18x+18$
e	$9x^2-18x-9$	**f**	$9x^2+18x-9$

6 Which answer is the same expression as this $(6n-9)^2$

a	$108n^2-108n+81$	**b**	$81n^2-108n-81$
c	$108n^2-108n+36$	**d**	$108n^2-108n-81$
e	$81n^2+108n-81$	**f**	$81n^2-108n+108$

7 Which answer is the same expression as this

$$(9y-5)^2$$

a	$90y^2-90y+25$	**b**	$25y^2+90y-25$
c	$90y^2-90y-25$	**d**	$90y^2-90y+81$
e	$25y^2-90y+90$	**f**	$25y^2-90y-25$