

Worksheet

01/19/2020

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Problem quickname: 5330

1)

For every term on the left hand side, find the matching term on the right.

	Term 1		Term 2
A	$(15 + x)^2$	1	$a^2 - 2ab + b^2$
B	$(11 - x)^2$	2	$x^2 + 30x + 225$
C	$(x + y)^2$	3	$a^2 - 30a + 225$
D	$(10 - a)^2$	4	$x^2 - 22x + 121$
E	$(b - a)^2$	5	$x^2 - 2xy + y^2$
F	$(y + x)^2$	6	$a^2 + 2ab + b^2$
G	$(a + b)^2$	7	$x^2 + 32x + 256$
H	$(x + 16)^2$	8	$x^2 + 2xy + y^2$
I	$(y - x)^2$	9	$x^2 + 2xy + y^2$
J	$(a - 15)^2$	10	$a^2 - 20a + 100$

2)

For every term on the left hand side, find the matching term on the right.

	Term 1		Term 2
A	$(x + y)(x - y)$	1	$a^2 - 22a + 121$
B	$(5 - x)^2$	2	$x^2 - 144$
C	$(b - a)^2$	3	$x^2 - 2xy + y^2$
D	$(a + 11)(a - 11)$	4	$x^2 - 2xy + y^2$
E	$(x + 6)(x - 6)$	5	$a^2 - 16a + 64$
F	$(x + 12)(x - 12)$	6	$a^2 - 121$
G	$(8 - a)^2$	7	$x^2 - 10x + 25$
H	$(y - x)^2$	8	$x^2 - y^2$
I	$(x - y)^2$	9	$x^2 - 36$
J	$(11 - a)^2$	10	$a^2 - 2ab + b^2$

3)

For every term on the left hand side, find the matching term on the right.

	Term 1		Term 2
A	$(y - x)^2$	1	$a^2 - 34a + 289$
B	$(b - a)^2$	2	$x^2 - 2xy + y^2$
C	$(a + 19)^2$	3	$x^2 + 2xy + y^2$
D	$(x - 4)^2$	4	$x^2 + 32x + 256$
E	$(x + 16)^2$	5	$a^2 - 14a + 49$
F	$(b + a)^2$	6	$x^2 + 2xy + y^2$
G	$(7 - a)^2$	7	$a^2 + 38a + 361$
H	$(x + y)^2$	8	$a^2 - 2ab + b^2$
I	$(17 - a)^2$	9	$x^2 - 8x + 16$
J	$(y + x)^2$	10	$a^2 + 2ab + b^2$

4)

For every term on the left hand side, find the matching term on the right.

	Term 1		Term 2
A	$(y - x)^2$	1	$x^2 - 20x + 100$
B	$(x - 15)^2$	2	$x^2 - 2xy + y^2$
C	$(10 - x)^2$	3	$a^2 + 8a + 16$
D	$(y + x)(y - x)$	4	$x^2 - 30x + 225$
E	$(a + 9)^2$	5	$x^2 - 144$
F	$(a + 16)^2$	6	$x^2 - 2xy + y^2$
G	$(x + 12)(x - 12)$	7	$a^2 + 32a + 256$
H	$(12 + x)(12 - x)$	8	$y^2 - x^2$
I	$(x - y)^2$	9	$144 - x^2$
J	$(4 + a)^2$	10	$a^2 + 18a + 81$

Good Luck!