

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.

Quick:
5330

	Term 1	→		Term 2
A	$(x - y)^2$	→	2	$x^2 - 2xy + y^2$
B	$(13 + a)^2$	→	10	$a^2 + 26a + 169$
C	$(x + y)^2$	→	9	$x^2 + 2xy + y^2$
D	$(y + x)^2$	→	8	$x^2 + 2xy + y^2$
E	$(a - 11)^2$	→	3	$a^2 - 22a + 121$
F	$(9 - a)^2$	→	4	$a^2 - 18a + 81$
G	$(a - 16)^2$	→	5	$a^2 - 32a + 256$
H	$(a + b)^2$	→	7	$a^2 + 2ab + b^2$
I	$(14 - a)^2$	→	1	$a^2 - 28a + 196$
J	$(x + 2)^2$	→	6	$x^2 + 4x + 4$

2)

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

Quick:
5330

	Term 1	→		Term 2
A	$(a + b)(a - b)$	→	2	$a^2 - b^2$
B	$(a + 12)(a - 12)$	→	7	$a^2 - 144$
C	$(a - 7)^2$	→	10	$a^2 - 14a + 49$
D	$(a + 4)(a - 4)$	→	9	$a^2 - 16$
E	$(b - a)^2$	→	8	$a^2 - 2ab + b^2$
F	$(10 + a)^2$	→	3	$a^2 + 20a + 100$
G	$(a - b)^2$	→	4	$a^2 - 2ab + b^2$
H	$(x - y)^2$	→	1	$x^2 - 2xy + y^2$
I	$(14 - x)^2$	→	6	$x^2 - 28x + 196$
J	$(x + 12)(x - 12)$	→	5	$x^2 - 144$

3)

Quick:
5330

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

	Term 1			Term 2
A	$(13 - a)^2$	→	2	$a^2 - 26a + 169$
B	$(x + 11)^2$	→	7	$x^2 + 22x + 121$
C	$(b + a)^2$	→	6	$a^2 + 2ab + b^2$
D	$(x - y)^2$	→	3	$x^2 - 2xy + y^2$
E	$(a + b)^2$	→	8	$a^2 + 2ab + b^2$
F	$(x - 11)^2$	→	1	$x^2 - 22x + 121$
G	$(x + 9)^2$	→	9	$x^2 + 18x + 81$
H	$(x - 17)^2$	→	4	$x^2 - 34x + 289$
I	$(a - b)^2$	→	10	$a^2 - 2ab + b^2$
J	$(x + 15)^2$	→	5	$x^2 + 30x + 225$

4)

Quick:
5330

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

	Term 1			Term 2
A	$(x + 18)^2$	→	7	$x^2 + 36x + 324$
B	$(x + y)(x - y)$	→	9	$x^2 - y^2$
C	$(a - b)^2$	→	8	$a^2 - 2ab + b^2$
D	$(y - x)^2$	→	2	$x^2 - 2xy + y^2$
E	$(19 + x)(19 - x)$	→	4	$361 - x^2$
F	$(a - 6)^2$	→	5	$a^2 - 12a + 36$
G	$(x - 8)^2$	→	6	$x^2 - 16x + 64$
H	$(b + a)^2$	→	1	$a^2 + 2ab + b^2$
I	$(16 + a)(16 - a)$	→	10	$256 - a^2$
J	$(x - y)^2$	→	3	$x^2 - 2xy + y^2$

Good Luck!