Worksheet

01/18/2020

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Problem quickname: 7517

1)

Expand the term and combine like terms. Apply the binomic formulas.

a) $(4b-3a)^2$ b) $(3y+4x)(3y-4x)$ c) $(8b+4a)(8b-4a)$
d) $(4y-5x)^2$ e) $(3x-2y)^2$ f) $(7y+9x)^2$ g) $(7b+6a)^2$
h) $(7y+3x)(7y-3x)$ i) $(2a+7b)(2a-7b)$ j) $(6a+9b)^2$

2)

Expand the term and combine like terms. Apply the binomic formulas.

a) $(-5b+3a)((-5)b-3a)$ b) $(9a-4b)^2$ c) $(-3a+8b)^2$
d) $(-9a+4b)((-9)a-4b)$ e) $(8a-4b)^2$ f) $(4b-(-3)a)^2$
g) $(2b-8a)^2$ h) $(5y-(-7)x)^2$ i) $(4x+4y)(4x-4y)$
j) $(-6x-(-3)y)^2$

3)

Expand the term and combine like terms. Apply the binomic formulas.

a) $(10b+10a)(10b-10a)$ b) $(7y+6x)^2$ c) $(3y-5x)^2$
d) $(4x-7y)^2$ e) $(4b-4a)^2$ f) $(6y+8x)^2$ g) $(7a-5b)^2$
h) $(5x+3y)^2$ i) $(6x+7y)^2$ j) $(7x+7y)(7x-7y)$

4)

Expand the term and combine like terms. Apply the binomic formulas.

a) $(-6x-3y)^2$ b) $(8a-(-3)b)^2$ c) $(5y+(-6)x)^2$ d) $(6a+9b)^2$
e) $(-4a-(-3)b)^2$ f) $(-9y-9x)^2$ g) $(7a-2b)^2$ h) $(2y+10x)^2$
i) $(8b+(-9)a)^2$ j) $(-9b+10a)^2$

Good Luck!