



Name class.....

TEST - ALGEBRAIC EXPRESSIONS

Task 1

Draw the models of the given algebraic expressions by using tokens.

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a) $-2x + (-x^2) + 3$	b) $-x + 2x + x^2 + (-2)$
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Task 2

Simplify the expressions. Explain how to perform the following operations. Illustrate this with token drawings.

a) $-6x + (-2x) =$	b) $-3x^2 + 5x^2 =$
Explanation:	Explanation:
	-

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Task 3Simplify the expressions. Explain how to perform the following operations.Illustrate this with token drawings.

a) $-4x^2 - (-4x^2) =$	b) $3x - 7x =$
Explanation:	Explanation:
1	1

Task 4

The expression opposite to $-4x^2 + 5$ is:

Present a model <u>of the expression opposite to</u>: $-4x^2 + 5$ by using tokens:

Task 5Simplify the expressions. Justify your result by making appropriate drawings
involving tokens.

a) $1 - (-4x^2 + 5) =$	b) $-3x^2 + (-4x) - x + 3 + x^2 =$

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