

Skill Builder

3 Adding and Subtracting Monomials EVALUATED



- 1 Perform the following addition.

$$xy + xy = \underline{\quad}$$

My Calculations									

- 2 Perform the following addition.

$$x^2y + x^2y = \underline{\quad}$$

My Calculations									

- 3 Perform the following addition.

$$5x^4 + x^4 = \underline{\quad}$$

My Calculations									

- 4 Perform the following addition.

$$3x^2 + 7x^2 + x^2 = \underline{\quad}$$

My Calculations									

- 5 Perform the following subtraction.

$$x^4 - x^4 = \underline{\quad}$$

My Calculations									

- 6 Perform the following subtraction.

$$2xy - 8xy = \underline{\quad}$$

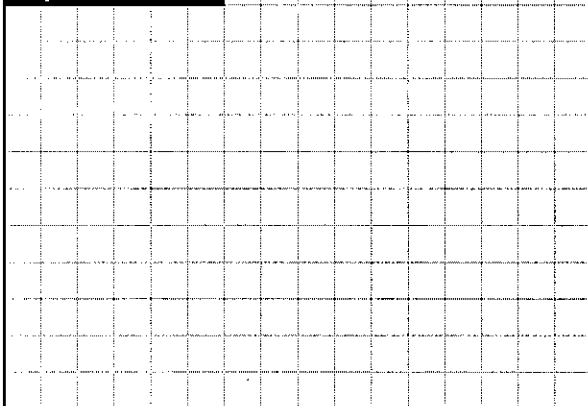
My Calculations									

Skill Builder

- 7** Simplify the following algebraic expression.

$$10xy + 6xy - 9xy - xy = ?$$

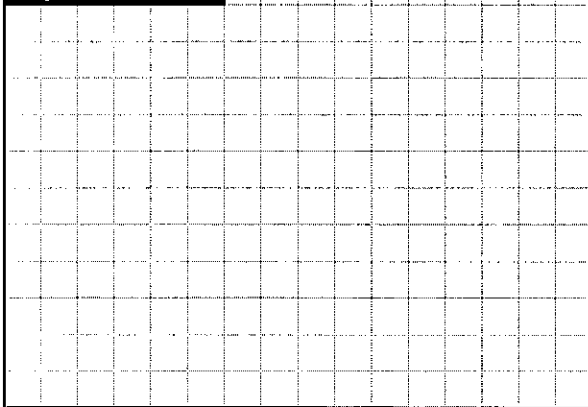
My Calculations



- 8** Simplify the following algebraic expression.

$$3x^2y - 5x^2y + 4x^2y - x^2y = ?$$

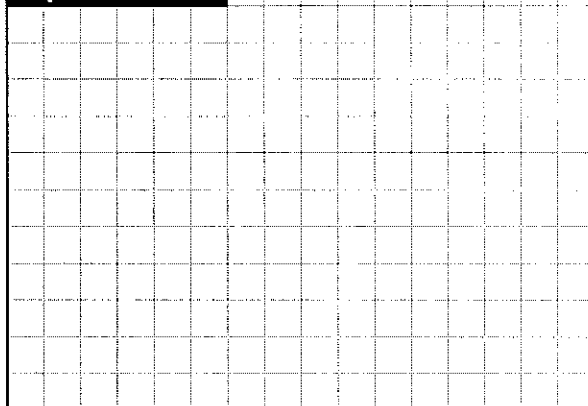
My Calculations



- 9** Simplify the following algebraic expression.

$$4x^2 + 3x - x^2 + 7x + x = ?$$

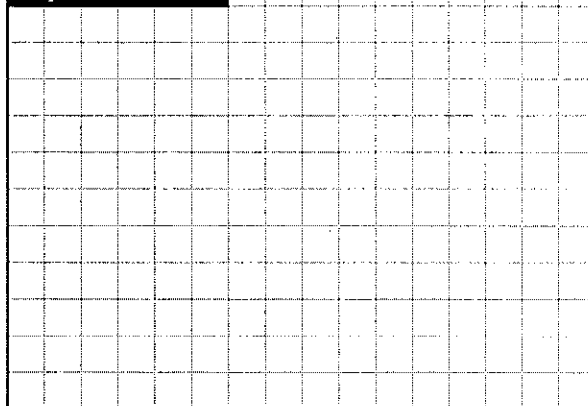
My Calculations



- 10** Simplify the following algebraic expression.

$$5xy^2 + xy^2 - 3x^2y + 2xy^2 - 10x^2y = ?$$

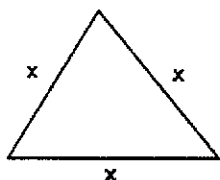
My Calculations



Perimeter using Combining Like Terms

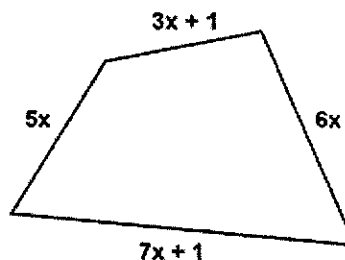
Question 1

What simplified algebraic expression represents the *perimeter* of the following triangle?



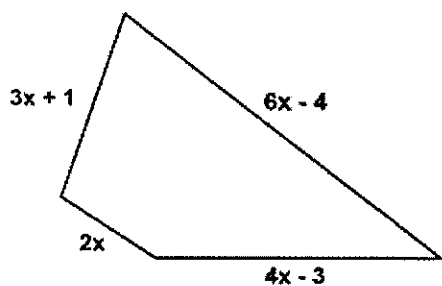
Question 3

What simplified algebraic expression represents the *perimeter* of the following quadrilateral?



Question 2

What simplified algebraic expression represents the *perimeter* of the following quadrilateral?

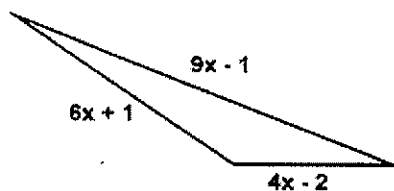


Question 4

What simplified algebraic expression represents the *perimeter* of a rhombus whose sides measure $2x^2$?

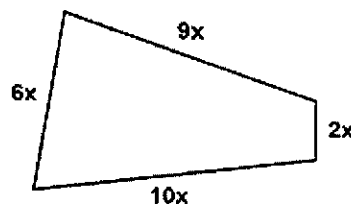
Question 5

What simplified algebraic expression represents the *perimeter* of the following triangle?



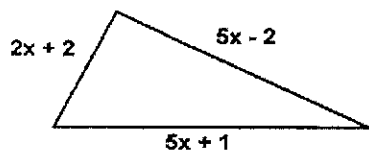
Question 7

What simplified algebraic expression represents the *perimeter* of the following quadrilateral?



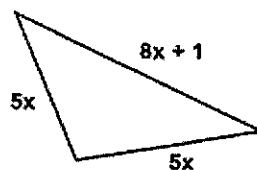
Question 6

What simplified algebraic expression represents the *perimeter* of the following triangle?



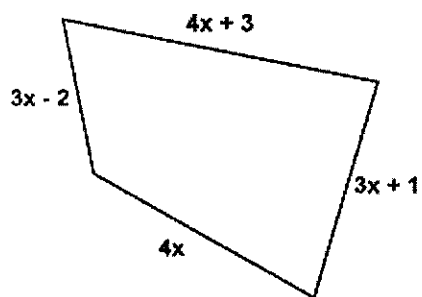
Question 8

What simplified algebraic expression represents the *perimeter* of the following triangle?



Question 9

What simplified algebraic expression represents the *perimeter* of the following quadrilateral?



Question 10

What simplified algebraic expression represents the *perimeter* of a rectangle whose length is $8x + 5$ and whose width is $6x - 3$?