#### EXPRESSIONS

Curro.

Then?

#### Unit 3 Review

#### #1 Evaluate each expression. a. $2^4$ b. $-3^5$ c. $(-4)^2$

a. 16 b. -243 c. 16

The ?



### #3 Simplify the expression. $[5^2 + (18 \div 9 + 2^2)]$

31

### #4 Evaluate the expression. $a^2 + 4a + 10 - a$ for a = -4

men?

14

ms.

# #5 Use the GCF to write an equivalent expression. 36x + 84

12(3x + 7)

men?

Write each phrase as an algebraic expression

- a. The quotient of 23 and a number
- a increased by 51.
- b. 10 less than the product of a number and 3.

a.  $23 \div (x + 51)$  b. 3a - 10

Use the expression to identify the following:  $7c^{3} + 3c^{2} - 2cd - d + 4c^{3} + 15 - 8$ 

- a. Number of terms:
- b. Name the terms:

men ?

- c. Name the constants:
- d. Name the coefficients:
- e. Name the like terms:

## #8 Simplify the expression. 4(6n + 9) - 10n

14n + 36

They?

#### #9 Simplify the expression. 7k - 2(3k + 1) - 9

allen?

**k - 11** 

## #10 Simplify the expression. -4(-2x - 7) + 6x - 7

14x + 21

E .?

#### #11 Simplify the expression. 9 - 3(-4 + 3x) + 12x

3x + 21

315

## #12 Simplify the expression. 3(-u - 5) + 8(2u + 1)

13u - 7

315

13x

6

Write an expression to represent the perimeter of the figure in simplest form.



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m.C. 3

 $4x^2 + 2x + 10$ 

## Write an expression to represent the perimeter of the figure in simplest form.

