Combining variables and constants to simplify expressions

Connect

$2x + 5 + 3y + 5x + 10 + y$

variable (unknown value)

variable (different unknown value)

coefficients

constants

I do

Simplify the expression below

$$2x + 5 + 3y + 5x + 10 + y$$

We do

Jason buys the following items from the vending machine:

Some M&M's for $2 per bag
Some chips for $1.50 per bag
$3 on something he can't remember
Some more chips for $2 per bag
$4 on something he can't remember
Some more M&M's for $2 per bag

Write and expression and then simplify for the amount of money Jason spent

You do together on whiteboard

Simplify:

$2y + 4 + 8y + 7a + 10 + a$

You do alone on index card

Samantha ran the following days this week:
Monday - 2 laps around Lenora Park
Tuesday - 5 laps around Briscoe Park
Wednesday - 2 laps around Lenora Park
Thursday - 5 miles
Friday - 4 laps around Briscoe park
Saturday - 2.5 miles

Write and simplify an expression for the number of miles Samantha ran