Rising Expectations THE BOTTOM LINE

Variable

Expressions

Cobb County Middle School Mathematics • Dr. Ed Thomas, Supervisor

in the second	Student Name
1.	Which of the following is not a variable expression? a) $5x-1$ b) $4+2(5)$ c) $r+2(x+4)$
2.	Use the variable n to write a variable expression for each of the English expressions below:
	a) six more than a number b) twice a number c) one less than half a number d) twice the sum of four and a number
3	Tom is five years younger than his brother Jim. If Jim's age is A, what variable expression represents Tom's age?
apuni ina mandian ping a senensa di pindia nas sa terbah diga termadi nadi ana terbah dilam terbah di ana terbah di 4.	The relationship between two whole numbers x and y is given by the equation below. What can you conclude about the two whole numbers x and y?
	y = 2x
5	From the set {2, 6, 10, 12, 20}, assign one number to the variable x and a second number to the variable y. Write an English expression describing the mathematical relationship between x and y. Then, translate your expression into a variable (algebraic) expression.
G	A student named Manny Errors translated the expression 2(x+y)+5 as follows: Twice the sum of x, y and 5. His teacher marked his response incorrect. What did Manny do wrong?