



## Problem of the Week

### Problem A

#### Weighing Brown Bats

*“Brown bats, common in Canada, weigh as much as two nickels and a dime.”*

*(From: The Canadian Reader, Issue 4:2014-2015)*

Riya, who has always been curious about bats, decided to count the number of bats that flew through her yard. Riya counted 15 bats in one hour. She wondered what the total weight of these bats would be using the information from the quotation above. She made a table to figure out how much 15 bats would weigh, if we actually measured weight in terms of nickels and dimes.

A) Finish her table.

Number of Bats	Number of Nickels	Number of Dimes
1	2	1
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

B) In Canada, a nickel is worth 5¢ (5 cents), a dime is worth 10¢, and \$1 (one dollar) is equal to 100¢. What would the total value of 15 bats be if each bat was actually worth *“two nickels and a dime”*?



STRANDS PATTERNING AND ALGEBRA, MEASUREMENT

