

Name : _____

Topic: Math –Word Problems - Algebra

DIRECTIONS: Answer the word problem. Simplify your algebraic expressions.

1. Mrs. White had Php y . She bought 3 cakes that cost Php 75 each.
 - a) How much money did she have left?

 - b) If $x=300$, how much money did she have left?

2. Sarah bought p sacks of flour. Each sack of flour costs Php435. She gave the cashier Php1000.
 - c) Find the change Sarah received in terms of p .

 - d) If $p=2$, how much change did Sarah received?

3. Ramon aims to triple the money he has now by the end of the year. If he reaches his goal, he will equally divide the money to give to 6 street children.
 - e) How much will each street child receive? Give your answer in terms of h .

 - f) If Ramon has Php1500 now, how much will each street child receive by the end of the year?

4. In the long jump competition, James jumped a distance of k meters. Shawn jumped 3 times longer than James. Brian jumped twice more than Shawn.
 - g) Find the total distance jumped by the three players in terms of k .

 - h) If $k = 3$, what is the total distance the players jumped?