

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

Example	Variable and Equation Set-Up	Solution and Check
1.) Kayla made the same number of cakes in March and April. In May, she made 4 cakes. If she made a total of 16 cakes in these three months, how many cakes did she make in each of the other two months?	Let = _____ Let = _____	
2.) John and Jack each count the money in their wallets. Jack has three times as much as John. Altogether, they have \$20. How much money does each boy have?	Let = _____ Let = _____	
3.) 5 times a number, increased by 3, is equal to 18. Find the number.	Let = _____	
4.) Three consecutive even integers have a sum of 18. Find the integers.	Let = _____ Let = _____ Let = _____	
5.) John's age is 4 more than 3 times Michael's age. If the sum of their ages is 20, how old are John and Michael?	Let = _____ Let = _____	
6.) Jimmy joined a gym that charges a monthly fee of \$21, plus an entry fee each time he goes for a workout. If he worked-out eight times this month and was charged a total of \$45, how much is the entry fee?	Let = _____	

Educational Source: Henry Borenson, Ed.D. The Hands-On Equations Learning System. Pennsylvania: Berenson and Associates, Inc., 2008. Print