

EQUATIONS SKILLS TEST 2: Creating an Expression to Represent a Story Problem

Carlos works in an art supply store. The store sells charcoal pencils in packets. They also sell packets of paintbrushes. Carlos doesn't know how many pencils or paintbrushes are in each packet, but he knows it's the same amount in each packet. Ed comes into the store and orders 2 packets of pencils and 5 packets of paintbrushes. Then, Sue comes in and orders 6 packets of pencils and 3 packets of paintbrushes. Use the letter "p" to represent the number of pencils in each packet and the letter "b" to represent the number of paintbrushes in each packet. Write an expression to represent the customers' orders.



Stephanie needs 1 bag of bolts and 4 bags of washers. Burt needs 5 bags of bolts and 2 bags of washers. Write the expression that represents this problem. Use the letter "b" to represent the number of bolts in a bag and the letter "w" to represent the number of washers in a bag.