Date_____

Patterning and Algebra Unit 1 Line Master 11 What's My Story?	
3(x-5) = 60	Joe buys 3 identical shirts. Each is on sale for \$5 off the original price. Joe pays \$60 for the shirts. What was the original price of each shirt?
1795 = 205 + 15 <i>x</i>	It costs \$205 to book a route for a charity walk. There are \$15 in other costs for each person who participates. If the cost of the event is \$1795, how many people are taking part?
15 <i>x</i> + 10 = 115	Zoya earns \$15 an hour. They get a \$10 bonus if they work an overnight shift. If Zoya earns \$115 for an overnight shift, how many hours did they work?
x + 4x = 100	Bill and his granddaughter Hannah share a birthday. This year, Bill is 4 times as old as Hannah. If their combined age is 100 years, how old is each person?
1795 = 220 + 35 <i>x</i>	It costs \$220 to rent a banquet room and \$35 per person for the meal and service. How many people attend an event if the total cost is \$1795?