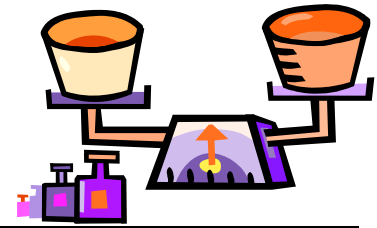


Name _____ Date _____

Try this Task!



Questions	Answers
1. Put 4 onto the left pan by typing in the red space above the pan. What happens? Why?	Quietly discuss what happens with your partner or neighbor.
2. Now put 9 onto the blue right pan by typing in the space above the pan. What happens? Why?	Quietly discuss what happens with your partner or neighbor.
3. Reset the balance. Put 12 into the right pan. Now put a sum (two numbers added together) onto the left pan that will balance with 12. Write another sum that balances with 12. How many sums can you find? List at least 5 on your paper.	
4. Can you add up three numbers that balances with 12? Four numbers?	
5. How many numbers can you use to balance with 12? The most? The least?	
6. Now put $3 + 9$ on the left pan. Put something onto the right pan that will make it balance. Then find something else that will balance with $3 + 9$. How many answers can you find?	

Adapted from: NCTM Illuminations retrieved on November 5, 2007 from <http://illuminations.nctm.org/ActivityDetail.aspx?ID=26>