

### 3x3 Systems - Word Problems

1. \$15 000 in money market account  
\$ 8000 in municipal bonds  
\$ 2000 in mutual funds
2. The first integer is -5, the second integer is 4,  
and the third integer is 7.
3.  $x^2 + y^2 - 6x - 8y = 0$
4. 120 packages weighed less than 5 kg  
100 packages weighed between 5 and 10 kg  
80 packages weighed more than 10 kg
5. Calculus: 74  
Advanced Math: 82  
Trig. and 3-Space: 96
6. 300 adult tickets  
150 children tickets  
50 senior tickets
7. Ingredient A: 5 g  
Ingredient B: 2 g  
Ingredient C: 2 g