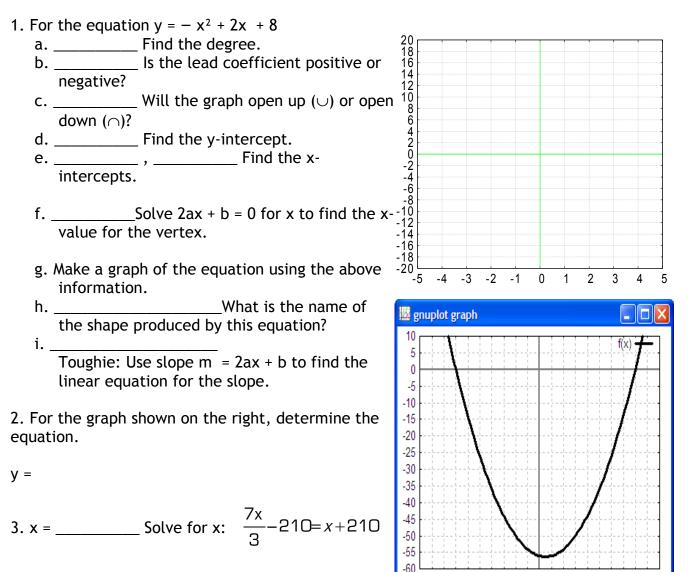
MS 100 College Algebra test one fall 2006 Name:



4. Is x(x + 30) + 221 = (x + 13)(x + 17) an identity or a conditional statement?

5. y = \_\_\_\_\_ Find the y-intercept for  $y = x^2 - 2x - 323$ 

6. \_\_\_\_\_\_ , \_\_\_\_\_ Find the x-intercepts for  $y = x^2 - 2x - 323$ 

7. \_\_\_\_\_ Rice selling for \$18.00 is marked down 15%. What is the sale price?

8. \_\_\_\_\_ I covered five kilometers in a thirty minute run from Piyuul to Fulkrin and back. Calculate my pace in minutes per kilometer.

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9. \_\_\_\_\_ At the pace calculated in problem eight, how long would it take me to run twelve kilometers from Piyuul to Inkoyac?