* Mathematics 20-1
* Unit Three
* Factoring Review

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve for the following questions in the space provided. Marks will be given for work shown so be sure to show your work at all times.

1. Factor each of the following **simple trinomials**



1. Factor each of the following **complex trinomials:**

**a)** 2*x*2 + 13*x* + 15 **b)** 3*x*2 + 11*xy* – 4*y*2

**c)** 7*a*2 – 47*a* + 30 **d)** 10*y*2 + 9*y* + 2

1. Factor each of the following **difference of squares**



1. Factor each trinomial, if possible.

**a)** *x*2 + 14*x* + 49 **b)** *y*2 – 40*y* + 400

**c)** 36 + 12*a* + *a*2 **d)** 64*a*2 – 48*ab* + 9*b*2

1. Factor each of the following trinomials using **any method**. Make sure that you factor as far as possible

