

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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## Factoring Quadratics

Factor each completely. If non-factorable, write "Non-factorable".

1)  $(x^2 - 3x)$

6)  $g^2 + g - 20$

2)  $(m^2 - 9)$

7)  $p^2 - p - 12$

3)  $r^2 - 8r + 12$

8)  $(s^2 - 9s)$

4)  $r^2 + r - 12$

9)  $(m^2 - 64)$

5)  $c^2 + 3c - 54$

10)  $(w^2 - 36)$



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## Factoring Quadratics

Factor each completely. If non-factorable, write "Non-factorable".

1)  $(x^2 - 3x)$

$x(x - 3)$

6)  $g^2 + g - 20$

$(g - 4)(g + 5)$

2)  $(m^2 - 9)$

$(m - 3)(m + 3)$

7)  $p^2 - p - 12$

$(p + 3)(p - 4)$

3)  $r^2 - 8r + 12$

$(r - 6)(r - 2)$

8)  $(s^2 - 9s)$

$s(s - 9)$

4)  $r^2 + r - 12$

$(r + 4)(r - 3)$

9)  $(m^2 - 64)$

$(m - 8)(m + 8)$

5)  $c^2 + 3c - 54$

$(c - 6)(c + 9)$

10)  $(w^2 - 36)$

$(w - 6)(w + 6)$

