Name : _____ Score : _____

Teacher : _____ Date : _____

Factoring Quadratics

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

1) $(r^2 - 4)$

2) $(q^2 - 81)$

3) $(m^2 - 4m)$

4) $d^2 - 10d + 16$

5) $(h^2 - 16)$

6) $m^2 - 4m - 45$

7) $(b^2 - 8b)$

8) $(m^2 - 4m)$

9) $r^2 + 6r - 27$

10) $(k^2 - 16)$

Name : _____ Score : _____

Teacher : _____ Date : _____

Factoring Quadratics

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

1) $(r^2 - 4)$

$(r - 2)(r + 2)$

2) $(q^2 - 81)$

$(q - 9)(q + 9)$

3) $(m^2 - 4m)$

$m(m - 4)$

4) $d^2 - 10d + 16$

$(d - 8)(d - 2)$

5) $(h^2 - 16)$

$(h - 4)(h + 4)$

6) $m^2 - 4m - 45$

$(m + 5)(m - 9)$

7) $(b^2 - 8b)$

$b(b - 8)$

8) $(m^2 - 4m)$

$m(m - 4)$

9) $r^2 + 6r - 27$

$(r + 9)(r - 3)$

10) $(k^2 - 16)$

$(k - 4)(k + 4)$