

Name : _____

Score : _____

Teacher : _____

Date : _____

Factoring Quadratics

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

1) $n^2 + 5n - 36$

6) $q^2 + 5q - 14$

2) $x^2 + 7x + 10$

7) $y^2 + 13y + 40$

3) $n^2 + 2n - 24$

8) $s^2 + 3s - 54$

4) $b^2 + 3b - 54$

9) $r^2 + 8r + 12$

5) $h^2 + 14h + 48$

10) $q^2 + 3q - 54$



Name : _____

Score : _____

Teacher : _____

Date : _____

Factoring Quadratics

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

1) $n^2 + 5n - 36$
 $(n - 4)(n + 9)$

6) $q^2 + 5q - 14$
 $(q - 2)(q + 7)$

2) $x^2 + 7x + 10$
 $(x + 2)(x + 5)$

7) $y^2 + 13y + 40$
 $(y + 5)(y + 8)$

3) $n^2 + 2n - 24$
 $(n - 4)(n + 6)$

8) $s^2 + 3s - 54$
 $(s + 9)(s - 6)$

4) $b^2 + 3b - 54$
 $(b + 9)(b - 6)$

9) $r^2 + 8r + 12$
 $(r + 2)(r + 6)$

5) $h^2 + 14h + 48$
 $(h + 8)(h + 6)$

10) $q^2 + 3q - 54$
 $(q - 6)(q + 9)$

