

Name : _____

Score : _____

Teacher : _____

Date : _____

Factoring Quadratics

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

1) $d^2 - 14d + 48$

6) $h^2 + 9h + 20$

2) $x^2 - 2x - 48$

7) $c^2 + 13c + 36$

3) $g^2 - 6g - 27$

8) $w^2 - 15w + 54$

4) $w^2 + 11w + 18$

9) $y^2 - 15y + 54$

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

10) $n^2 - 12n + 35$



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Factoring Quadratics

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

1) $d^2 - 14d + 48$

$(d - 6)(d - 8)$

6) $h^2 + 9h + 20$

$(h + 4)(h + 5)$

2) $x^2 - 2x - 48$

$(x - 8)(x + 6)$

7) $c^2 + 13c + 36$

$(c + 9)(c + 4)$

3) $g^2 - 6g - 27$

$(g + 3)(g - 9)$

8) $w^2 - 15w + 54$

$(w - 6)(w - 9)$

4) $w^2 + 11w + 18$

$(w + 9)(w + 2)$

9) $y^2 - 15y + 54$

$(y - 9)(y - 6)$

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

$(h - 2)(h + 7)$

10) $n^2 - 12n + 35$

$(n - 5)(n - 7)$

