Factoring Quadratics · Grade 10

Name _____ Date _____ Score _____ / 8

01 Factor $x^2 + 10x + 9$ = _____

02 Factor $x^2 + x - 30$ = _____

03 Factor $x^2 - 12x + 32$ = _____

04 Factor $x^2 - 4x - 32$ = _____

05 Factor $x^2 + 2x + 1$ = _____

06 Factor $x^2 - 8x + 7$ = _____

07 Factor $x^2 + 5x - 36$ = _____

08 Factor $x^2 + x - 6$ = _____

Factoring Quadratics · Grade 10 (Answer Key)

01 Factor $x^2 + 10x + 9$ =

$(x + 1)(x + 9)$

02 Factor $x^2 + x - 30$ = **$(x + 6)(x - 5)$**

03 Factor $x^2 - 12x + 32$ =

$(x - 8)(x - 4)$

04 Factor $x^2 - 4x - 32$ =

$(x - 8)(x + 4)$

05 Factor $x^2 + 2x + 1$ = **$(x + 1)(x + 1)$**

06 Factor $x^2 - 8x + 7$ = **$(x - 1)(x - 7)$**

07 Factor $x^2 + 5x - 36$ =

$(x + 9)(x - 4)$

08 Factor $x^2 + x - 6$ = **$(x - 2)(x + 3)$**