FACTORING QUADRATICS · GRADE 10

Factoring Quadratics · Grade 10

Name _____ Date _____ Score _____ / 8

01 Factor $x^2 - 6x - 55$ = ____

02 Factor $x^2 - 8x - 20$ = ____

03 Factor $x^2 + 4x - 21$ = ____

04 Factor $x^2 - x - 72$ = ____

05 Factor $x^2 - 12x + 36$ = ____

06 Factor $x^2 - 6x - 40$ = ____

07 Factor $x^2 + 7x + 10$ = ____

08 Factor $x^2 + 12x + 32$ = ____

Factoring Quadratics · Grade 10 (Answer Key)

01 Factor $x^2 - 6x - 55$ =

$(x - 11)(x + 5)$

02 Factor $x^2 - 8x - 20$ =

$(x + 2)(x - 10)$

03 Factor $x^2 + 4x - 21$ =

$(x - 3)(x + 7)$

04 Factor $x^2 - x - 72$ = **$(x - 9)(x + 8)$**

05 Factor $x^2 - 12x + 36$ =

$(x - 6)(x - 6)$

06 Factor $x^2 - 6x - 40$ =

$(x - 10)(x + 4)$

07 Factor $x^2 + 7x + 10$ =

$(x + 2)(x + 5)$

08 Factor $x^2 + 12x + 32$ =

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