POLYNOMIAL OPERATIONS · GRADE 10

Polynomial Operations · Grade 10

Name _____ Date _____ Score _____ / 8

01 $(5x - 4) - (x + 3) =$ _____

02 $(8x - 3) - (2x - 3) =$ _____

03 $(2x - 8) - (5x + 1) =$ _____

04 $(3x + 5) + (-7x + 8) =$ _____

05 $(9x + 6)(-9x + 8) =$ _____

06 $(-4x - 8)(-9x + 1) =$ _____

07 $(2x + 7) - (7x + 5) =$ _____

08 $(x + 4) - (8x - 9) =$ _____

Polynomial Operations · Grade 10 (Answer Key)

01 $(5x - 4) - (x + 3) =$ **$4x - 7$**

02 $(8x - 3) - (2x - 3) =$ **$6x$**

03 $(2x - 8) - (5x + 1) =$ **$-3x - 9$**

04 $(3x + 5) + (-7x + 8) =$ **$-4x + 13$**

05 $(9x + 6)(-9x + 8) =$

$-81x^2 + 18x + 48$

06 $(-4x - 8)(-9x + 1) =$

$36x^2 + 68x - 8$

07 $(2x + 7) - (7x + 5) =$ **$-5x + 2$**

08 $(x + 4) - (8x - 9) =$ **$-7x + 13$**