Subtracting Positive and Negative Numbers Cheat Sheet

When the signs are	Two Parts		Example
	Figure out your sign first	Then, figure out your number	
Same	Same	ADD the absolute values of the numbers	42 + 51 = 93
			-42 + -51 = -93
Different	The BIGGER number wins *(look at absolute values of numbers)*	SUBTRACT (*find the difference*) of the absolute value of the numbers	-42 + 51 = 9
			42 + -51 = -9

Subtracting Positive and Negative Numbers Cheat Sheet

Example	Change subtraction sign to + ⁻	Answer
46 - 12	46 + ⁻12	46 + ⁻12 = 34
46 - 62	46 + ⁻62	46 + ⁻62 = ⁻16
46 - 62	46 + ⁻(⁻62) 46 + 62	46 + 62 = 108

Multiplying Positive and Negative Numbers Cheat Sheet

When the signs are	Your answer is	Example
Same	Positive	8 x 9 = 72
		⁻8 x ⁻9 = 72
Different	Negative	⁻8 x 9 = ⁻72
		8 x ⁻9 = ⁻72

Dividing Positive and Negative Numbers Cheat Sheet

When the signs are	Your answer is	Example
Same	Positive	56 x 8 = 7
		⁻56 x ⁻8 = 7
Different	Negative	⁻56 x 8 = ⁻7
		56 x ⁻8 = ⁻7