

The Math Center presents:

A Tip Sheet on

ABSOLUTE VALUE

$$|x| = a \quad x = a \text{ or } x = -a$$

Example: $|x + 3| = 10$ $x + 3 = 10$ or $x + 3 = -10$

Solution: $x = 7$ or $x = -13$

$$|x| < a \quad -a < x < a$$

Example: $|x - 2| < 5$ $-5 < x - 2 < 5$

Solution: $-3 < x < 7$

$$|x| > a \quad x > a \text{ or } x < -a$$

Example: $|x + 5| > 2$ $x + 5 > 2$ or $x + 5 < -2$

Solution: $x > -3$ or $x < -7$

MCC offers a **Math Lab** at both the Bedford and Lowell campuses. Tutoring is available weekdays and some evenings, at no charge. Schedules are posted on the door. Drop in.

In Bedford: AR 214, Tel: (781) 280-3707

In Lowell: City Campus, Room 406, Tel. (978) 656 - 3368