

## Blood Glucose Correction, and Carb Counting Sample Problem

1. C.G presents to your office with a blood glucose of **261**. Her correction factor is:

**BS -120/80**. How much insulin should she receive to correct this blood sugar? Round **down** to the nearest half unit.

$$261-120 = 141;$$

$$141/80 = 1.7625$$

Round down to nearest HALF unit: **1.5 units**

2. At lunch, she eats:

Pizza: 35 Carbs

Corn: 20 Carbs

Fruit: 15 Carbs

White Milk: 15 Carbs

How much insulin should she receive if her carb ratio is **1 unit of insulin per 15 carbs**? Round **down** to the nearest half unit.

85 carbs total for lunch

$$85/15 = 5.6666$$

Round down to nearest HALF unit: **5.5 units**

**\*\*\*If student presents at lunch for a blood glucose correction AND for the lunch time dose, add up all values BEFORE rounding; if you round before adding, you COULD get the wrong dose of insulin!\*\*\***

**\*\*\*Can only do a Blood Glucose Correction every 3 hours\*\*\***