Student's Name:……………………..….
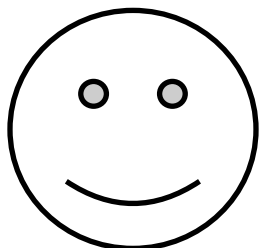
Student's ID:………………….…..……..

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Note: This quiz covers some problems from **solving linear inequalities**.

Problem 1: Solve the following linear inequality:

$$12\beta + \sqrt[3]{125} < (-3.43)^0 + 2\beta$$

Problem 2: Solve the following linear inequality:

$$-2\beta + 1^{\sqrt[3]{125}} < \left(-\frac{3.43}{-34.2}\right)^0 + 12\beta$$

Math has a great beauty that is the food for the soul……..Mohammed Kaabar